



December 06, 2000

Utah Division of Oil, Gas, and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, UT 84114-5801

To Whom It May Concern:

Please find enclosed a permit for the drilling of the Quest #16-21 located in the SE SE of section 21 T11S R25E, Uintah County. Enclosed are the following materials:

- 1) Complete drilling plan (2 copies).
- 2) Form 3 (2 copies).
- 3) Survey plats (2 copies).
- 4) A letter from the Division of Water Rights indicating our source of water (2 copies).
- 5) Affidavit on our surface agreement status with Cliff Synfuels (2 copies).

The Land is in fee and the surface is owned by Cleveland Cliffs Iron Company. Cleveland Cliffs has informed us that the well is located below the oil shale, geologic section.

Expected bottom hole pressure is 2085 lbs.

Estimated tops based on Anschutz Texas Creek #14-22 well are:

Green River:	Surface
Wasatch:	1320 feet
Mesa Verde:	2260 feet

Based on the previous Anschutz Texas Creek #14-22 fresh water will be less than 800 feet. Oil and gas zones will start at 1320 feet. Drilling plans to go to the base of the Mesa Verde Formation. No other mineral bearing zones are expected to be encountered in the well.

Please call me at the phone numbers and address given below if you have any questions. Thank you.

Sincerely,

A handwritten signature in black ink, appearing to read 'S.A. Todesco', with a stylized flourish at the end.

Steven A. Todesco

SAT/ttt  
Enclosures



December 06, 2000

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1594 West North Temple, Suite 1210  
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Mesa Verde:	2260 feet

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Please call me at the phone numbers and address given below if you have and questions. Thank you.

Sincerely,

A handwritten signature in black ink, appearing to read 'Steve A. Tedesco', written over a horizontal line.

Steven A. Tedesco

SAT\ctt  
Enclosures

**RECEIVED**

**DEC 11 2000**

**DIVISION OF  
OIL, GAS AND MINING**

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐  
(highlight changes)

**APPLICATION FOR PERMIT TO DRILL**

<b>1A. TYPE OF WORK:</b> DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>  <b>B. TYPE OF WELL:</b> OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____    SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>  <b>2. NAME OF OPERATOR:</b> <u>Huntford Resources Corp.</u> <b>3. ADDRESS OF OPERATOR:</b> <u>14530 E. Easter Ave,</u> <b>PHONE NUMBER:</b> _____ <u>Suite 1000</u> <small>CITY</small> <u>Englewood</u> <small>STATE</small> <u>CO</u> <small>ZIP</small> <u>80112</u> <u>(303) 617-7454</u> <b>4. LOCATION OF WELL (FOOTAGES):</b> <b>AT SURFACE:</b> <u>660' FSL</u> <u>460' FSL</u> <b>AT PROPOSED PRODUCING ZONE:</b> <u>Same</u>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> <u>Fee</u> <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> <u>None</u> <b>7. UNIT or CA AGREEMENT NAME:</b> <u>None</u> <b>8. WELL NAME and NUMBER:</b> <u>Quest 16-21</u> <b>9. FIELD AND POOL, OR WILDCAT:</b> <u>Wildcat</u> <b>10. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> <u>SE SE 21 T11S R25E</u>	
<b>13. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE:</b> <u>Vernal 45 miles North</u>		<b>11. COUNTY:</b> <u>Uintah</u>	<b>12. STATE:</b> <u>UTAH</u>
<b>14. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)</b> <u>660' FSL 660' FSL</u>	<b>15. NUMBER OF ACRES IN LEASE:</b> <u>160</u>	<b>16. NUMBER OF ACRES ASSIGNED TO THIS WELL:</b> <u>80</u>	
<b>17. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)</b> <u>In excess of three miles</u>	<b>18. PROPOSED DEPTH:</b> <u>4800'</u>	<b>19. BOND DESCRIPTION:</b> <u>Blanket bond</u>	
<b>20. ELEVATIONS (SHOW WHETHER OF, RT, GR, ETC.):</b> <u>5650'</u>	<b>21. APPROXIMATE DATE WORK WILL START:</b> <u>As soon as possible</u>	<b>22. ESTIMATED DURATION:</b> <u>Ten Days</u>	

**PROPOSED CASING AND CEMENTING PROGRAM**

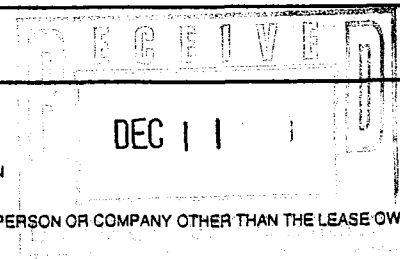
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
10 3/4"	J-55 24#/ft	350'	50-50 Poz 1.55 cf/sx cu ft cement 78.5929
	8 5/8"		cu ft per lin ft 0.22415
			50% excess 117.8895 Sacks cement 76.05773
7 7/8"	J-55 10.5#/ft	4800'	Class G 1.2 ct/sx cu ft per lin ft 0.2277
	4 1/2"		cu ft cement 1092.96 10% excess 1202.256
			Sacks Cement 1001.8

**ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- ☐ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☐ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER

- ☐ COMPLETE DRILLING PLAN
- ☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER



NAME (PLEASE PRINT) Steven A. Tedesco    TITLE President

SIGNATURE [Signature]    DATE 12/6/10

(This space for State use only)

API NUMBER ASSIGNED: 43-047-33805

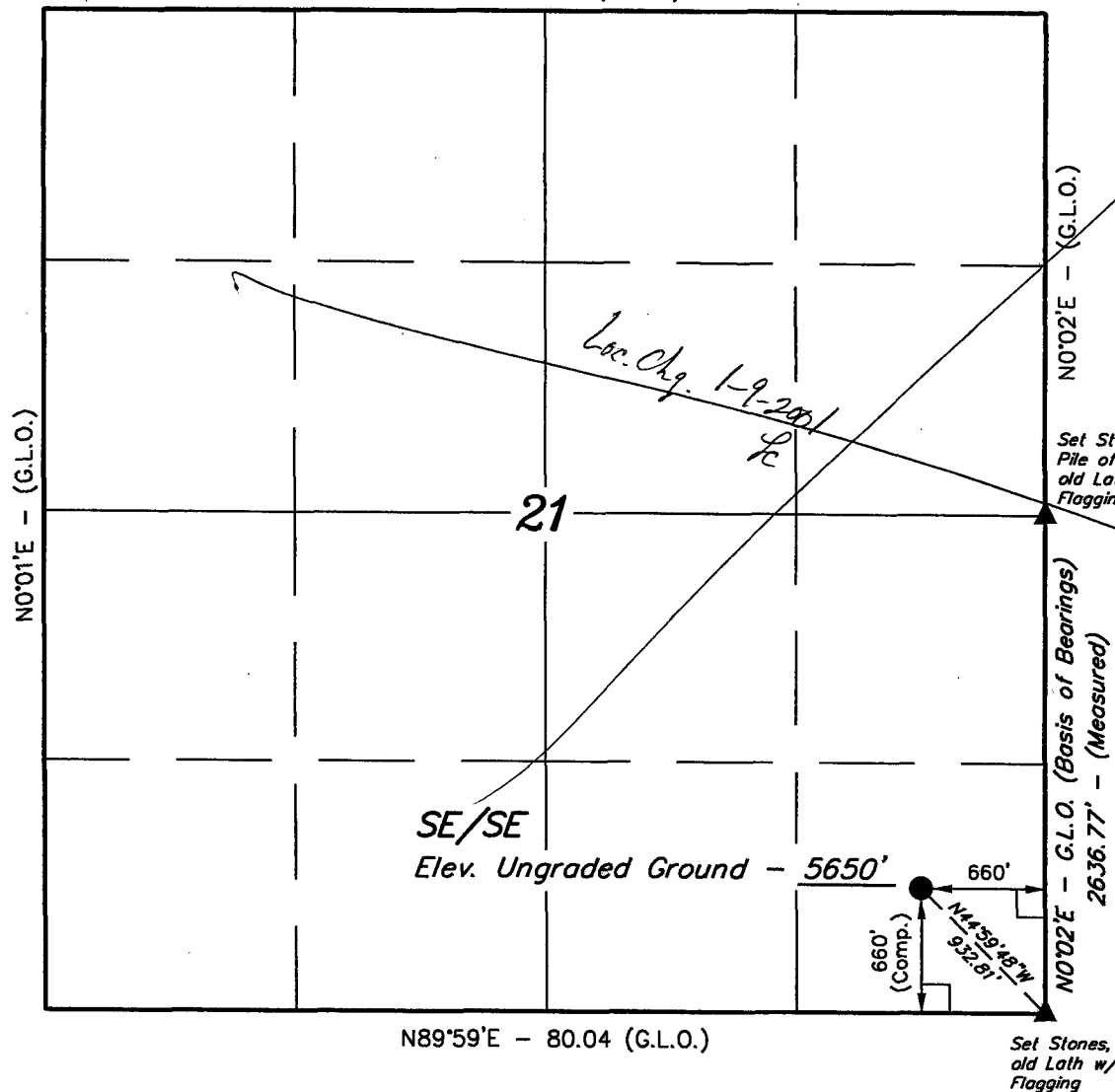
APPROVAL: \_\_\_\_\_

**T11S, R25E, S.L.B.&M.**

**HUNTFORD RESOURCES CORP.**

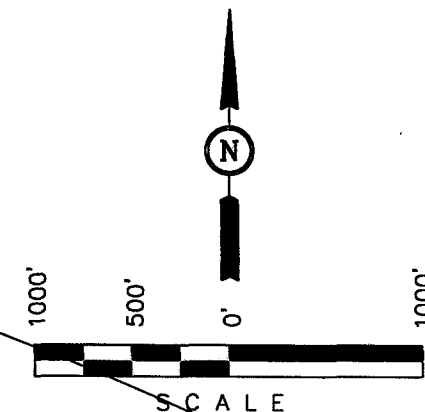
Well Location, SE/SE, located as shown in SE 1/4 SE 1/4 of Section 21, T11S, R25E, S.L.B.&M. Uintah County, Utah.

N89°57'E - 79.92 (G.L.O.)



**BASIS OF ELEVATION**

BENCH MARK (V-61) LOCATED IN THE SE 1/4 OF SECTION 21, T11S, R25E, S.L.B.&M. TAKEN FROM THE DRAGON QUADRANGLE, UTAH-COLORADO, 7.5 MINUTE (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5590 FEET.



**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert L. Cox*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 101319  
 STATE OF UTAH

**LEGEND:**

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

LATITUDE = 39°50'32"  
 LONGITUDE = 109°06'56"

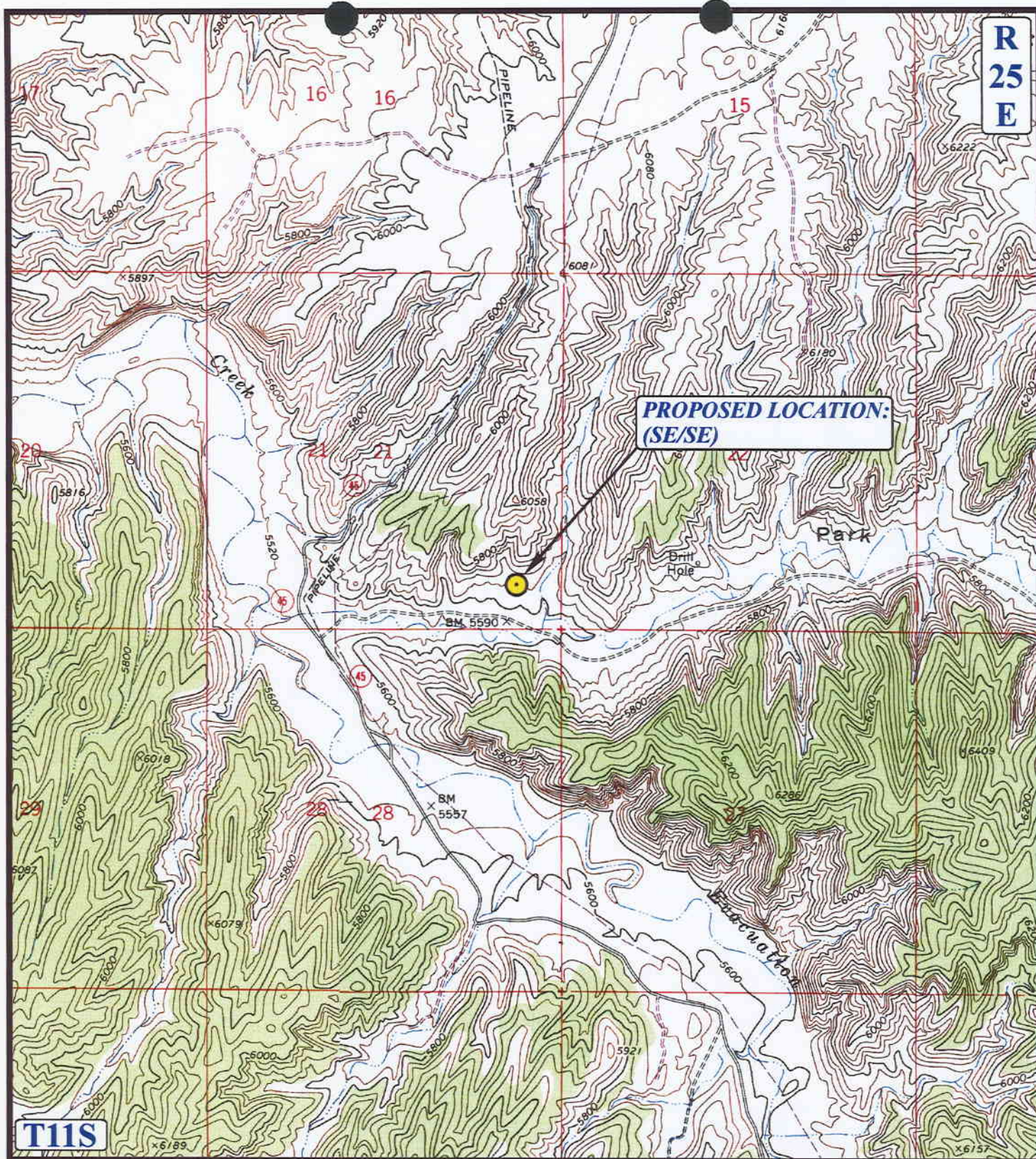
**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 8-22-00	DATE DRAWN: 9-5-00
PARTY C.B.T. B.L. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE HUNTFORD RESOURCES CORP.	

Drilling Plan  
(ABBREVIATED)  
Quest 16-21  
SEC. 21-T11S-R25E  
UINTAH COUNTY, UTAH

12/1/2000  
M G Wagner

- 1) PU a 10 3/4' bit and 6" droll collars, drill to 350' with fresh water and or spud mud. Circulate and condition hole. TOOH.
- 2) PU the following casing and cementing equipment:
  - a) Guide Shoe for 8 5/8" casing
  - b) 1 joint of 8 5/8", 24.4 ppf, J55 casing with centralizer and stop ring in center of joint
  - c) Float Collar for 8 5/8" casing
  - d) 8 5/8", 24.4 ppf, J55 casing to surface with centralizers every other joint
  - e) Cementing head
- 3) Cement with 50-50 pozmix (1.55 cu.ft./sk yield) and additives as necessary to bring cement to surface, estimated using hole diameter plus 50% excess. WOC minimum of 8 hrs.
- 4) Cut off surface casing and weld on 8 5/8", 3M casing head. NU 3M BOPE. Pressure test same to 500 psig and 3000 psig. BOPE will include:
  - a) Blind ram
  - b) Pipe ram
  - c) Rotating head for 750 psig surface pressure
  - d) 3M choke manifold
- 5) PU 7 7/8" bit and drill collars. Drill out of casing shoe with fresh water. Drill to 4800' TD using 4% KCL water/polymer. Take surveys per State requirements, or as deviation dictates.
- 6) At TD, run a GR/DIL/FDC/CNL/caliper log suite from TD to base of surface casing.
- 7) PU the following casing and cementing equipment:
  - a) Guide shoe for 4 1/2" casing
  - b) 1 joint of 4 1/2", 10.5 ppf, J55 casing with centralizer and stop ring in center of joint
  - c) Float Collar for 4 1/2" casing
  - d) 4 1/2", 10.5 ppf, J55 casing to surface with centralizers across every prospective interval
  - e) Cementing head
- 8) Cement with Class G neat (1.2 cu.ft./sk yield) to surface using caliper log plus 10%. Reciprocate pipe if possible.
- 9) Land casing as cemented (full tension). Cut off and install tubing head and valve. RDMORT. Prepare to complete well.



**T11S**

**LEGEND:**

----- PROPOSED ACCESS ROAD  
 ————— EXISTING ROAD



**HUNTFORD RESOURCES CORP.**

**PROPOSED LOCATION (SE/SE)**  
**SECTION 21, T11S, R25E, S.L.B.&M.**  
**660' FSL 660' FEL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

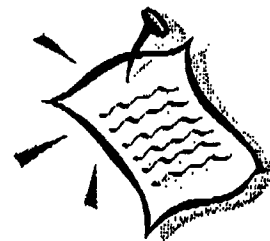
**9 7 00**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.G. REVISED: 00-00-00

**B**  
**TOPO**

## FAX COVER SHEET

Division of Water Rights  
Vernal Regional Office  
152 East 100 North  
Vernal, UT 84078  
(435)781-5327



DATE: 12/18/00  
TIME: 3:45 PM

TO:

NAME: Lisha  
AGENCY: Div of Oil, Gas & Mining  
FAX NO: (801) 359-3940

FROM:

NAME: Billie  
AGENCY: Div of Water Rights  
FAX: (435) 789-8343

Number of pages being transmitted, including cover sheet 3

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**RECEIVED**

JAN 27 2000

**WATER RIGHT  
VERNAL****FILING FOR WATER IN THE  
STATE OF UTAH**Rec. by ACFee Rec. 0100<sup>00</sup> 24<sup>00</sup> 2330

Receipt # \_\_\_\_\_

**APPLICATION TO APPROPRIATE WATER**

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements to Title 73, Chapter 3 of the Utah Code Annotated (1953, as amended).

WATER RIGHT NUMBER: 49 - 1639

APPLICATION NUMBER: F 172674

\*\*\*\*\*

**1. OWNERSHIP INFORMATION:**

LAND OWNED? Yes

A. NAME: Cliffs Synfuel Corp.

Gary D. Aho

ADDRESS: P.O. Box 1211, Rifle, CO 81650

B. PRIORITY DATE: January 27, 2000

FILING DATE: January 27, 2000

**2. SOURCE INFORMATION:**

A. QUANTITY OF WATER: 48.0 acre-feet

B. SOURCE: Existing Underground Water Well

COUNTY: Uintah

C. POINT OF DIVERSION -- UNDERGROUND:

(1) N 465 feet E 1363 feet from SW corner, Section 22, T 11S, R 25E, SLBM

WELL DIAMETER: 6 inches

WELL DEPTH: 750 feet

D. COMMON DESCRIPTION: 10<sup>miles</sup>/SE of Bonanza**3. WATER USE INFORMATION:**

IRRIGATION: from Apr 1 to Oct 31. IRRIGATING: 6.000 acres.

*See memo decision*

----- Northwest Quarter -----*----- Northeast Quarter -----*----- Southwest Quarter -----*----- Southeast Quarter -----																Section	
BS TOWN RANG SC	NW	NE	SW	SE *	NW	NE	SW	SE *	NW	NE	SW	SE *	NW	NE	SW	SE	Totals
SL 11S 25E 22				*				*				2.0000	4.0000				6.0000

Group Total: 6.0000

DOMESTIC: from Jan 1 to Dec 31. PERSONS: 10.

*See memo Decision*

OIL EXPLORATION: from Jan 1 to Dec 31. Oil or Natural Gas Exploration

OIL RECOVERY: from Jan 1 to Dec 31. Oil recovery and extraction activities

\*\*\*\*\*

280  
-370  
-370*Fixed time  
10 years.**Applicant  
wants to  
drop irrigation  
and domestic  
as per  
telephone  
8/20/2000***Appropriate**

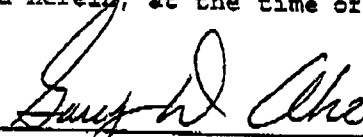
LIMITATION(S): The Irrigation portion of this right is limited to the sole irrigation requirements of 6.0000 acres.

4. PLACE OF USE: (which includes all or part of the following legal subdivisions:)

BASE TOWN RANG SEC	NORTH-WEST					NORTH-EAST					SOUTH-WEST					SOUTH-EAST				
	NW	NE	SW	SE		NW	NE	SW	SE		NW	NE	SW	SE		NW	NE	SW	SE	
SL 11S 25E 21	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***
22	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***
23	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***
26	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***
27	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***
28	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***

5. SIGNATURE OF APPLICANT(S):

The applicant(s) hereby acknowledge(s) that he/she/they are citizen(s) of the United States of America or intend(s) to become such a citizen(s). The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purposes herein described. The undersigned hereby acknowledges that even though he/she/they may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of information contained herein, at the time of filing, rests with the applicant(s).



Signature of Applicant(s)

(WARNING: Water Rights makes NO claims as to the accuracy of data. RUN DATE: 09/13/2000 Page 1

WENUM: 19-1639 APPLICATION/CLAIM NO.: F72674 CERT. NO.:

49-1639 F72674 LC 12-18-2000

NAME: Cliffs Synfuel Corp. OWNER MISC: Gary D. Aho  
ACCR: P.O. Box 1211  
CITY: Rifle STATE: CO ZIP: 81650 INTEREST:  
LAND OWNED BY APPLICANT? Yes

DATES, ETC.\*\*\*\*\*  
FILING: 01/27/2000|RECD BY: (DCB)|PRIORITY: 01/27/2000|ADV DESIG: 02/07/2000|BY: (SPW)|PAPER: Vernal Express  
PUB BEGAN: 03/01/2000|PUB ENDED: 03/08/2000|PROTST END: 03/28/2000|PROTESTED: (No)|PROOF/PUB: 04/26/2000|BY: (DC)|  
A/R DESIG: (Approved)|A/R DESIG: 08/29/2000|REGION ENG: (RWL)|APPROP: (KLJ)|MEMO DEC: (Yes)|APPR/REJECT: (Approved)|  
APPR/RET: 09/01/2000|PROOF DUE: 09/30/2005|EXTENSION: / /|ELEC/PROOF: ( )|ELEC/PROOF: / /|PROOF DRAFT: / /  
CERT/WUC: / /|LAP, ETC: 09/01/2010|PROV LETR: / /|RENOVATE: / /

PD Book No. Type of Right: FIRM Status: APP Source of Info: APPL Map: Date Verified: 01/27/2000 Initials: DCB

LOCATION OF WATER RIGHT\*\*\*\*\*

FLOW: 48 3 acre-feet SOURCE: Existing Underground Water Well

COUNTY: Uintah COMMON DESCRIPTION: 10 miles SE of Bonanza

POINT OF DIVERSION -- UNDERGROUND:

(1) N 465 ft E 1363 ft from SW cor, Sec 22, T 11S, R 25E, SLM DIAM: 6 ins. DEPTH: 750 to ft. YEAR DRILLED: 1995 WELL LOG? Y  
Comment:

PLACE OF USE OF WATER RIGHT\*\*\*\*\*

	NORTH-WEST4 NW NE SW SE	NORTH-EAST4 NW NE SW SE	SOUTH-WEST4 NW NE SW SE	SOUTH-EAST4 NW NE SW SE
Sec 11 T 11S R 25E SLM	* X: X: X: X*	* X: X: X: X*	* X: X: X: X*	* X: X: X: X*
Sec 12 T 11S R 25E SLM	* X: X: X: X*	* X: X: X: X*	* X: X: X: X*	* X: X: X: X*
Sec 23 T 11S R 25E SLM	* X: X: X: X*	* X: X: X: X*	* X: X: X: X*	* X: X: X: X*
Sec 26 T 11S R 25E SLM	* X: X: X: X*	* X: X: X: X*	* X: X: X: X*	* X: X: X: X*
Sec 27 T 11S R 25E SLM	* X: X: X: X*	* X: X: X: X*	* X: X: X: X*	* X: X: X: X*
Sec 28 T 11S R 25E SLM	* X: X: X: X*	* X: X: X: X*	* X: X: X: X*	* X: X: X: X*

USES OF WATER RIGHT\*\*\*\*\*

CLAIMS USED FOR PURPOSE DESCRIBED: 1639

Referenced To: Claims Groups: Type of Reference -- Claims: Purpose: Remarks:

##OIL EXPLORATION Oil or Natural Gas Exploration and Recovery.

PERIOD OF USE: 01/01 TO 12/31

OTHER COMMENTS\*\*\*\*\*

The well was drilled under a temporary application

\*\*\*\*\* END OF DATA \*\*\*\*\*

(WARNING: Rights makes NO claims as to the accuracy of this data. RUN DATE: 09/13/2000 Page :

WFOHM: 10-1819

APPLICATION/CLAIM NO.: 771474

CERS. NO.:

NAME: Clarks Symbol Corp.  
ADDR: P.O. Box 1211  
CITY: Altus

OWNER MISC: Gary G. Ann

STATE: OK ZIP: 74500

INTEREST:

LAND OWNED BY APPLICANT? Yes

DATE: 07/01/2000

FILING: 01/27/2000|REC'D BY: [DOR] |PRIORITY: 01/27/2000|ADV DESIG: 02/07/2000|BY: [SPW] |PAPER: Verbal Express  
FOR BEGAN: 01/01/2000|FOR ENDED: 03/13/2000|PROTST END: 03/13/2000|PROTECTED: [No] |PROOF/FOR: 04/26/2000|BY: [KC] |  
A/R DESIG: [Approved] |A/R DESIG: 08/19/2000|REASON END: [NWL] |APPROF: [KLG] |MEMO REC: [Yes] |APPR/REJECT: [Approved]  
APPR/REC: 09/01/2000|PROOF FOR: 09/10/2000|REASON END: [NWL] |ELSC/PROOF: [ ] |ELSC/PROOF: [ ] |PROOF DRAFT: [ ]  
CORT/REC: [ ] |LAP, ETC: 09/01/2010|PROV LTR: [ ] |RENOVATE: [ ]

PD Book No. Type of Right: FINE STATUS: APP Source of Info: APP Map: Date Verified: 01/27/2000 Initials: DCR

LOCATION OF WATER RIGHT:

SOUTH: 10 0 acre-feet

SOURCE: Existing Underground Water Well

COUNTY: Uintah

COMMON DESCRIPTION: 10 miles SE of Bonanza

POINT OF DIVERSION -- UNDERGROUND:

1/4 N 43E 21 E 1363 ft from SW cor. Sec 22, T 11S, R 35E, S1/4 SW 1/4, 6 in. DEPTH: 750 to 11 FEET DRILLED: 1995 WELL LOG: 7  
Comments:

PLACE OF USE OF WATER RIGHT:

	NORTH-WEST 1/4	NORTH-EAST 1/4	SOUTH-WEST 1/4	SOUTH-EAST 1/4
	NW NE SW SE	NW NE SW SE	NW NE SW SE	NW NE SW SE
Sec 11 T 11S R 35E S1/4	* X: X: X: X*	* X: X: X: X*	* X: X: X: X*	* X: X: X: X*
Sec 12 T 11S R 35E S1/4	* X: X: X: X*	* X: X: X: X*	* X: X: X: X*	* X: X: X: X*
Sec 13 T 11S R 35E S1/4	* X: X: X: X*	* X: X: X: X*	* X: X: X: X*	* X: X: X: X*
Sec 14 T 11S R 35E S1/4	* X: X: X: X*	* X: X: X: X*	* X: X: X: X*	* X: X: X: X*
Sec 15 T 11S R 35E S1/4	* X: X: X: X*	* X: X: X: X*	* X: X: X: X*	* X: X: X: X*
Sec 16 T 11S R 35E S1/4	* X: X: X: X*	* X: X: X: X*	* X: X: X: X*	* X: X: X: X*

USES OF WATER RIGHT:

CLAIMS USED FOR PURPOSE DESCRIBED: 1517

Referenced To:

Claims Groups:

Type of Reference -- Claims:

Purpose:

Remarks:

ASOIL EXPLORATION Oil or Natural Gas Exploration and Recovery.

PERIOD OF USE: 01/01 TO 12/31

OTHER COMMENTS:

The well was drilled under a temporary application

\*\*\*\*\*

# AFFIDAVIT

State of Colorado        }  
                                      }  
County of Arapaho       }

Steven A. Tedesco, whose address is 14550 East Easter Ave., Suite 1000, Englewood, Colorado 80112, being first duly sworn sates:

I am President employed by Huntford Resources Corporation, and I am familiar with the ownership of the surface of the following described parcels of land located in Uintah County, Utah, to wit:


**Township 11 South, Range 25 East, Salt Lake Meridian**  
**Section 21: SE1/4 SE1/4 owned by Cliffs Synfuel Inc.**

Between June of 2000 to November 15, 2000, Huntford and its agents have been in discussions with Gary Aho, President of Cliffs Synfuels, Inc. in an attempt to negotiate for the use of the surface and settlement of anticipated damages prior to entry upon the lands for the purpose of drilling the Quest #16-21 at a legal location of 660' FWL 660' FSL (SE SE) of Section 21, Township 11 South, Range 25 East, SLM.

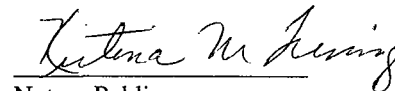
On behalf of Huntford, I have made an offer to Cliffs Synfuels, Inc. which was fair, equitable and consistent with offers made by Huntford and accepted by other fee surface owners in the area for similar disturbances in the drilling of test wells for the production of oil and gas.

Cliffs Synfuels has constantly demanded additional compensation or terms that are not related to surface damage or surface use and are inconsistent with normal oil and gas operations.

Further affiant saith not.

  
Steven A. Tedesco



  
Notary Public

Address: 5141 S Gibraltar Ct  
Aurora CO 80015

My commission expires: 5-22-04

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 12/11/2000

API NO. ASSIGNED: 43-047-33805

**AMENDED**

WELL NAME: QUEST 16-21

OPERATOR: HUNTFORD RESOURCES CORP ( N1405 )

CONTACT: STEVEN TEDESCO

PHONE NUMBER: 303-617-7454

**PROPOSED LOCATION:**

SESE 21 110S 250E  
SURFACE: ~~0660 FSL 0660 FEL~~ 420 FSL 460 FEL  
BOTTOM: ~~0660 FSL 0660 FEL~~ 420 FSL 460 FEL  
UINTAH  
WILDCAT ( 1 )

LEASE TYPE: 4-Fee

LEASE NUMBER: FEE

SURFACE OWNER: 4-Fee

PROPOSED FORMATION: MVRD

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	RAM	1/10/01
Geology		
Surface		

**RECEIVED AND/OR REVIEWED:**

☒ Plat  
☒ Bond: Fed[] Ind[] Sta[] Fee[4]  
(No. 0621469550 & #. 12/20/2000)  
☐ Potash (Y/N)  
☐ Oil Shale (Y/N) \*190-5 (B) or 190-3  
☒ Water Permit  
(No. 49-1639)  
☐ RDCC Review (Y/N)  
(Date: DOEN Ltr. 1-4-2001 \*Comments due 1-29-2001)  
☐ Fee Surf Agreement (Y/N)

**LOCATION AND SITING:**

       R649-2-3. Unit                       
☒ ~~R649-3-2. General~~  
☒ Siting: 460 From Qtr/Qtr & 920' Between Wells  
☒ R649-3-3. Exception  
       Drilling Unit  
Board Cause No:                       
Eff Date:                       
Siting:                       
       R649-3-11. Directional Drill

**COMMENTS:**

Need Prosite. ( Rec'd 1-12-2001 )

**STIPULATIONS:**

- ① STATEMENT OF BASIS and certified
- ② HUNTFORD SHALL PROVIDE REVISED SURVEY PLATS.
- ③ OIL SHALE
- ④ RDCC review.
- ⑤ Surface agreement / min. restoration req.

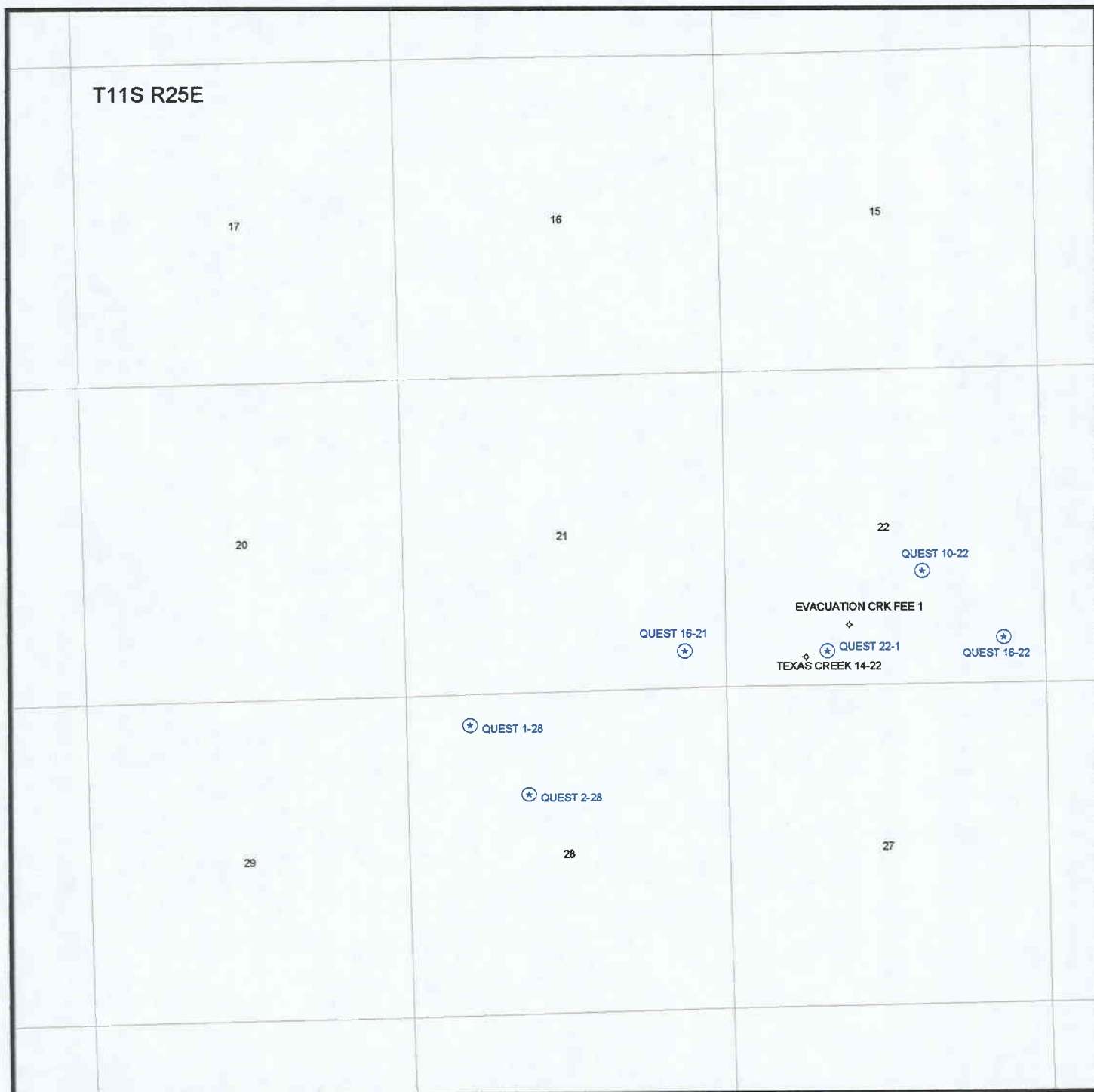


OPERATOR: HUNTFORD RESOURCES (N1405)

FIELD: WILDCAT (001)

SEC. 21, T11S, R25E,

COUNTY: UINTAH SPACING: R649-3-2/GEN ST





# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

December 21, 2000

Mr. Steven Tedesco  
Huntford Resources Corporation  
14550 E. Easter Avenue, Suite 1000  
Englewood, CO 80112

Mr. Gary Aho  
Cliffs Synfuels Corporation  
818 Taughenbaugh Boulevard  
Rifle, CO 81650

Re: Applications for Permit to Drill in Uintah County, Utah

Dear Mr. Tedesco and Mr. Aho:

On December 11, 2000, the Division of Oil, Gas and Mining ("the Division") received individual Applications for Permit to Drill ("APDs") from Huntford Resources Corporation ("Huntford") for the following wells located in Uintah County, Utah:

Quest #1-28	NW NW Section 28, Township 11 South, Range 25 East
Quest #2-28	SE NW Section 28, Township 11 South, Range 25 East
Quest #10-22	NW SE Section 22, Township 11 South, Range 25 East
Quest #16-21	SE SE Section 21, Township 11 South, Range 25 East
Quest #16-22	SE SE Section 22, Township 11 South, Range 25 East

As the staff of the Division has been reviewing these APDs for approval, they raised several concerns about the APDs, which I feel need to be addressed before approving the wells for drilling. I have presented the Division's concerns in the following paragraphs.

✓ 1. Several representatives of Huntford have been discussing the matter of bond coverage for these APDs with staff members of the Division. As a result of these discussions, the Division has been contacted by Wells Fargo Bank in Colorado regarding a Certificate of Deposit ("CD") to be used for bond coverage. The bank has represented to the Division that they cannot issue a CD solely in the name of the Division and also allow payment of interest on that account back to Huntford; rather, the bank desires to issue the CD jointly in the name of both the Division and Huntford. Rule R649-3-1 (10.2.3.2), Bonding clearly states that Certificates of Deposit "shall be made payable or assigned only to the Division both in writing and upon the records of the bank issuing the certificate." For this reason, the Division cannot accept the terms of the Certificate of Deposit presented by Wells Fargo Bank, and Huntford must resolve this matter to be in compliance with the Oil and Gas Conservation General Rules. Adequate bond coverage must be submitted to and accepted by the Division prior to issuing approvals for the subject APDs.

Page Two  
Steven Tedesco and Gary Aho  
December 21, 2000

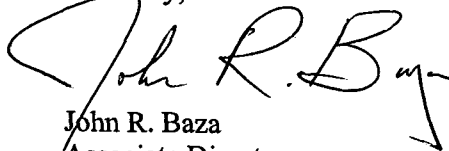
✓ 2. The APDs are all located within a Designated Oil Shale Area defined by order of the Board of Oil, Gas and Mining ("the Board") in Cause No. 190-3. I have been informed by Mr. Aho of Cliffs Synfuels Corporation ("Cliffs") and Mr. Robert Pruitt, Jr., attorney for Cliffs, that Cliffs maintains ownership interest in the oil shale resources within the Designated Oil Shale Area. They have also indicated that certain contractual negotiations between Cliffs and Huntford have broken down pertaining to Huntford's development of the gas resources of the area. Pursuant to Rule R649-3-27, Multiple Mineral Development, the Division's policy is to promote development of all mineral resources on land under its jurisdiction. Therefore, prior to approving the APDs, I request both Huntford and Cliffs re-establish efforts to negotiate a cooperative agreement as contemplated by the referenced rule. In order to determine the status of such negotiations and to facilitate continued processing of the APDs for approval, **I also request a meeting with representatives of both of your organizations in the Division's office located in Salt Lake City at 10:00 a.m. on Thursday, January 4, 2001.** Dependent on the outcome of that meeting, the Division may continue to process the APDs for approval or pursue further action as appropriate. At any time, multiple mineral developers may request a hearing before the Board in accordance with Rule R649-3-27 (4).

3. In conjunction with multiple mineral development negotiations, Huntford has indicated in three of the submitted APDs that they have been unable to negotiate a surface damage agreement with Cliffs. Prior to approval of the APDs, the Division wishes to verify that such negotiations have reached an impasse, and I expect that this can also be accomplished at the scheduled meeting in January.

4. All five of the APDs are within one mile of Huntford's Quest #22-1 well which was recently approved by the Division and which is currently in drilling status. Because little geologic and engineering data is available to establish appropriate well density and spacing requirements, the Division must consider the prudence of drilling wells in densely spaced clusters without adequate knowledge of reservoir properties and well drainage characteristics. I would like to discuss this issue with you at the January meeting along with the previously mentioned concerns.

If you cannot meet on the date proposed, please contact me as soon as possible to reschedule the meeting. Please contact either myself at (801) 538-5334 or Earlene Russell at (801) 538-5277. I look forward to meeting with both of your organizations.

Sincerely,


  
John R. Baza  
Associate Director

er

cc: Mr. Robert Pruitt, Jr.  
Mr. Phil Lear

file

**STATE ACTIONS**  
**State Clearinghouse Coordinator**  
**116 State Capitol, SLC, UT 84114**  
**538-1535**

<b>1. Administering State Agency</b> Oil, Gas and Mining 1504 West North Temple, Suite 1210 Salt Lake City, UT 84114-5801	<b>2. State Application Identifier Number: (assigned by State Clearinghouse)</b>  <b>3. Approximate date project will start:</b> Upon Approval
<b>4. Areawide clearinghouse(s) receiving state action: (to be sent out by agency in block 1)</b>  Utah Basin Association of Governments	
<b>5. Type of action:</b> // Lease    /X/ Permit    // License    // Land Acquisition  // Land Sale    // Land Exchange    // Other _____	
<b>6. Title of proposed action:</b>  Application for Permit to Drill	
<b>7. Description:</b>  Huntford Resources Corp. proposes to drill the Quest 16-21 well (wildcat) on Gas FEE lease, Uintah County, Utah. This action is being presented to the RDCC for consideration of resource issues affecting state interests. The Division of Oil, Gas and Mining is the primary administrative agency in this action and must issue approval before operations commence.	
<b>8. Land affected (site location map required) (indicate county)</b>  SE/4, SE/4, Section 21, Township 11 South, Range 25 East, Uintah County, Utah	
<b>9. Has the local government(s) been contacted?</b>  No	
<b>10. Possible significant impacts likely to occur:</b>  Degree of impact is based on the discovery of oil or gas in commercial quantities.	
<b>11. Name and phone of district representative from your agency near project site, if applicable:</b>  	
<b>12. For further information, contact:</b>   <div style="text-align: right;">Lisha Cordova Phone: (801) 538-5296</div>	<b>13. Signature and title of authorized officer</b> <div style="text-align: center;"> John R. Baza, Associate Director <b>Date:</b> January 4, 2001</div>

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐  
(highlight changes)

**APPLICATION FOR PERMIT TO DRILL**

<b>1A. TYPE OF WORK:</b> DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>  <b>B. TYPE OF WELL:</b> OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____    SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>  <b>2. NAME OF OPERATOR:</b> Huntford Resources Corp. <b>3. ADDRESS OF OPERATOR:</b> 14530 E. Easter Ave, Suite 1000 14550 Englewood STATE CO ZIP 80112    PHONE NUMBER: (303) 617-7454 <b>4. LOCATION OF WELL (FOOTAGES)</b> AT SURFACE: 660' FSL    FSL 660' FSL    4411715 N AT PROPOSED PRODUCING ZONE: Same    661233 E		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> Fee <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> None <b>7. UNIT or CA AGREEMENT NAME:</b> None <b>8. WELL NAME and NUMBER:</b> Quest 16-21 <b>9. FIELD AND POOL, OR WILDCAT:</b> Wildcat <b>10. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> SE SE 21 T11S R25E	
<b>13. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE:</b> Vernal 45 miles North		<b>11. COUNTY:</b> Uintah	<b>12. STATE:</b> UTAH
<b>14. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)</b> 660' FSL    660' FSL	<b>15. NUMBER OF ACRES IN LEASE:</b> 160	<b>16. NUMBER OF ACRES ASSIGNED TO THIS WELL:</b> 80	
<b>17. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)</b> In excess of three miles	<b>18. PROPOSED DEPTH:</b> 4800'	<b>19. BOND DESCRIPTION:</b> Blanket bond	
<b>20. ELEVATIONS (SHOW WHETHER CF, RT, GR, ETC.):</b> 5650'	<b>21. APPROXIMATE DATE WORK WILL START:</b> As soon as possible	<b>22. ESTIMATED DURATION:</b> Ten Days	

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
10 3/4"	J-55    24#/ft	350'	50-50 Poz 1.55 cf/sx cu ft cement 78.592
	8 5/8"		cu ft per lin ft 0.22415
			50% excess 117.8895 Sacks cement 76.0577
7 7/8"	J-55    10.5#/ft	4800'	Class G 1.2 ct/sx cu ft per lin ft 0.227
	4 1/2"		cu ft cement 1092.96 10% excess 1202.256
			Sacks Cement 1001.8

**ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- |                                                                                                                                                                                           |                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER<br><input type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> COMPLETE DRILLING PLAN<br><input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|

NAME (PLEASE PRINT) Steven A. Tedesco    TITLE President  
 SIGNATURE *Steven A. Tedesco*    DATE 12/6/0

(This space for State use only)

API NUMBER ASSIGNED: 43047-33805

APPROVAL:

SCALE 1" = 1000'	DATE SURVEYED: 8-22-00	DATE DRAWN: 9-5-00
PARTY C.B.T. B.L. D.COX	REFERENCES G.L.O. PLAT	
WEATHER	FILE	

FILE EDIT VIEW FAVORITES TOOLS HELP

BACK FORWARD STOP REFRESH HOME SEARCH FAVORITES HISTORY MAIL PRINT EDIT DISCUSS

ADDRESS [HTTP://GOVDATA.STATE.UT.US/PROGRAMS/RDCC.ASP](http://govdata.state.ut.us/programs/rdcc.asp) Go LINKS »

116 State Capitol - Salt Lake City, Utah 84114 - Telephone: (801) 538-1027 - Fax: (801) 538-1547

## RDCC Project Management System

Words to search for Due From Due To Leaving due dates blank retrieves current items

Number	Comment Due	Contact	Description
<a href="#">323</a>	01/29/2001	Lisha Cordova 801/538-5296	<b>Sponsor:</b> Division of Oil, Gas and Mining <b>Project Type:</b> Drilling Permits <b>Counties Affected:</b> Uintah Huntford Resources proposes to drill the Quest 16-22 well (wildcat) on Gas FEE lease.
<a href="#">322</a>	01/29/2001	Lisha Cordova 801/538-5296	<b>Sponsor:</b> Division of Oil, Gas and Mining <b>Project Type:</b> Drilling Permits <b>Counties Affected:</b> Uintah Huntford Resources proposes to drill the Quest 16-21 well (wildcat) on Gas FEE lease.
<a href="#">321</a>	01/29/2001	Lisha Cordova 801/538-5296	<b>Sponsor:</b> Division of Oil, Gas and Mining <b>Project Type:</b> Drilling Permits <b>Counties Affected:</b> Uintah Huntford Resources proposes to drill the Quest 10-22 well (wildcat) on Gas FEE lease.
<a href="#">320</a>	01/29/2001	Lisha Cordova 801/538-5296	<b>Sponsor:</b> Division of Oil, Gas and Mining <b>Project Type:</b> Drilling Permits <b>Counties Affected:</b> Uintah Huntford Resources proposes to drill the Quest 2-28 well (wildcat) on Gas FEE lease.
<a href="#">319</a>	01/29/2001	Lisha Cordova 801/538-5296	<b>Sponsor:</b> Division of Oil, Gas and Mining <b>Project Type:</b> Drilling Permits <b>Counties Affected:</b> Uintah Huntford Resources proposal to drill the Quest 1-28 well (wildcat) on Gas FEE lease.

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START NOVE... OIL &... GROU... MAIL F... MAIL F... RDCC... INTERNET 12:05 PM

Well name:

**01-01 Huntford Quest 16-21**Operator: **Huntford**String type: **Production**

Project ID:

**43-047-33805**Location: **Uintah Co.****Design parameters:****Collapse**

Mud weight: 8.540 ppg

Design is based on evacuated pipe.

**Minimum design factors:****Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No

Surface temperature: 65 °F

Bottom hole temperature: 132 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 368 ft

Cement top: 1,231 ft

**Burst**

Max anticipated surface pressure: 0 psi

Internal gradient: 0.444 psi/ft

Calculated BHP 2,129 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Non-directional string.

Tension is based on air weight.

Neutral point: 4,190 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	4800	4.5	10.50	J-55	ST&C (Assumed)	4800	4800	3.927	100.3
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2129	4010	1.88	2129	4790	2.25	50	132	2.62 J

Prepared R.A.McKee  
by: Utah Dept. of Natural Resources

Date: January 8,2001  
Salt Lake City, Utah

**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop &amp; Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 4800 ft, a mud weight of 8.54 ppg. The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

Well name:

**01-01 Huntford Quest 16-21**Operator: **Huntford**String type: **Surface**

Project ID:

43-047-33805

Location: **Uintah Co.****Design parameters:****Collapse**

Mud weight: 8.330 ppg

Design is based on evacuated pipe.

**Minimum design factors:****Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No

Surface temperature: 65 °F

Bottom hole temperature: 70 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 185 ft

Cement top: Surface

**Burst**

Max anticipated surface pressure: 0 psi

Internal gradient: 0.433 psi/ft

Calculated BHP 151 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Tension is based on air weight.

Neutral point: 306 ft

Non-directional string.

**Re subsequent strings:**

Next setting depth: 4,800 ft

Next mud weight: 8.330 ppg

Next setting BHP: 2,077 psi

Fracture mud wt: 19.250 ppg

Fracture depth: 350 ft

Injection pressure 350 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	350	8.625	24.00	J-55	ST&C Assume	350	350	7.972	16.9
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	151	1370	9.05	151	2950	19.48	8	244	29.05 J

Prepared R.A.McKee  
by: Utah Dept. of Natural Resources

Date: January 8,2001  
Salt Lake City, Utah

**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop &amp; Kemler method of biaxial correction for tension.

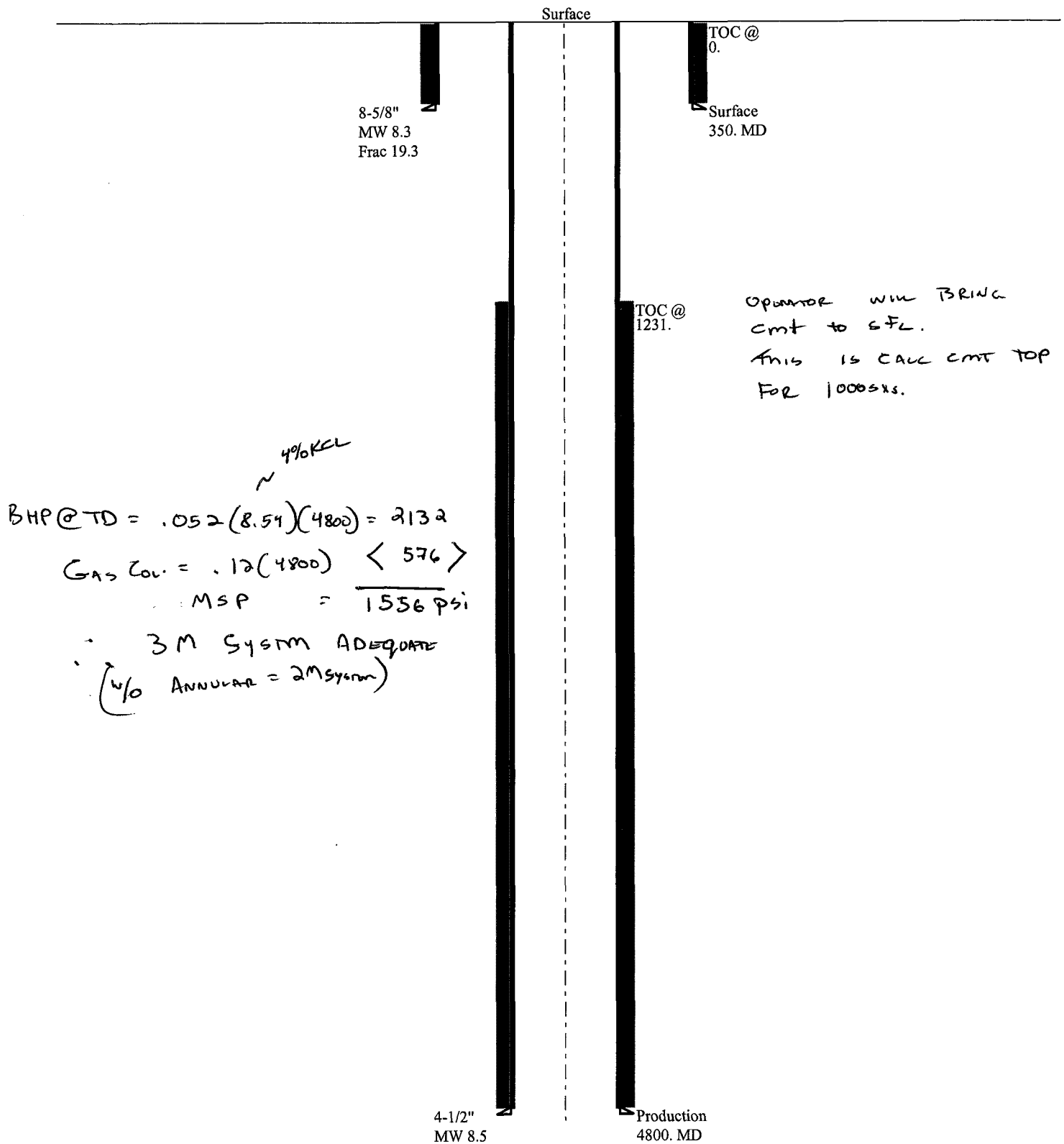
Collapse is based on a vertical depth of 350 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

# 01-01 Huntford Quest 16-21

## Casing Schematic



OIL SHALE STIP 20  
FOR CASE

In order to protect designated oil shale and any near surface ground water, cement for the surface casing shall be brought up to ground level. Should the primary cement job prove unsuccessful, subsequent 1 inch operations shall be performed.

## Huntford APD

- BOP schematic, BH pressure, casing thread type
- Cont. oil shale zone? To surface
- Map showing access to location
- Diagrams showing well site layout including cut & fill.  
(to determine erosion control, stability & pit lining) -
- Designation of Agent (Form 5)
- Responsible & knowledgeable person at onsite.

Info needed to complete APD & allow staff to complete onsite evaluation & determine site restoration requirements without surf. agreement & determine what is necessary to meet R699-3-15 pollution & surface damage control.

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

 AMENDED REPORT ☐  
(highlight changes)

<b>APPLICATION FOR PERMIT TO DRILL</b>			5. LEASE DESIGNATION AND SERIAL NUMBER: <u>Free</u>
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <u>None</u>
5. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>			7. UNIT or CA AGREEMENT NAME: <u>None</u>
2. NAME OF OPERATOR: <u>Hunrford Resources Corp.</u>			8. WELL NAME and NUMBER: <u>Quest 16-21</u>
3. ADDRESS OF OPERATOR: <u>14550 E. Easter Ave</u> <u>Suite 1000</u> CITY <u>Englewood</u> STATE <u>CO</u> ZIP <u>80112</u>		PHONE NUMBER: <u>303-617-7454</u>	9. FIELD AND POOL, OR WILDCAT: <u>Wildcat</u>
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: <u>420' FSL 420' FEL</u> AT PROPOSED PRODUCING ZONE: <u>Same</u>			10. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <u>SE SE 21 11S 25E</u>
13. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: <u>Vernal 45 Miles North</u>			11. COUNTY: <u>Uintah</u> 12. STATE: <u>UTAH</u>
14. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) <u>420' FSL 420' FEL</u>	15. NUMBER OF ACRES IN LEASE: <u>160</u>	16. NUMBER OF ACRES ASSIGNED TO THIS WELL: <u>80</u>	
17. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) <u>2600'</u>	18. PROPOSED DEPTH: <u>4800'</u>	19. BOND DESCRIPTION: <u>Blanket Bond</u>	
20. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): <u>5600' Ground Level</u>	21. APPROXIMATE DATE WORK WILL START: <u>As soon as possible</u>	22. ESTIMATED DURATION: <u>Ten Days</u>	

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
10 3/4"	J-55 24#ft	500'	50-50 Poz 1.55 cf/sx cu ft cement 112.075
	8 5/8" STFC (rm)		cu ft per lin ft 0.22415
			50% excess 168.1125 Sacks cement 108.460
7 7/8"	J-55 10.5#ft	4800'	Class G 1.2 ct/sx cu ft per lin ft 0.2277
	4 1/2" STFC (rm)		cu ft cement 1092.96 10% excess 1202.256
			Sacks cement 1001.8

24.

**ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- ☒ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☒ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER

- ☒ COMPLETE DRILLING PLAN
- ☒ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

DIV OF OIL, GAS &amp; MINING

NAME (PLEASE PRINT) Steven A. TedescoTITLE PresidentSIGNATURE [Signature]DATE 1/9/01

(This space for State use only)

API NUMBER ASSIGNED: 43-047-33805

APPROVAL:

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

Date: 1/12/2001By: [Signature]

**T11S, R25E, S.L.B.&M.**

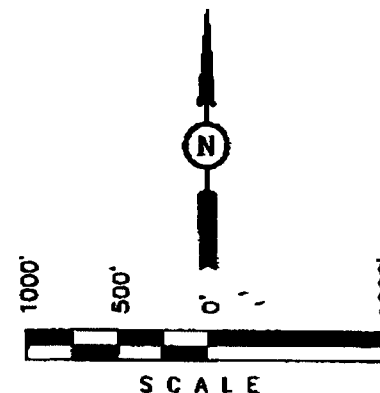
**HUNTFORD RESOURCES CORP.**

Well Location, SE/SE, located as shown in SE 1/4 SE 1/4 of Section 21, T11S, R25E, S.L.B.&M. Uintah County, Utah.

N89°57'E - 79.92 (G.L.O.)

**BASIS OF ELEVATION**

BENCH MARK (V-61) LOCATED IN THE SE 1/4 OF SECTION 21, T11S, R25E, S.L.B.&M. TAKEN FROM THE DRAGON QUADRANGLE, UTAH-COLORADO, 7.5 MINUTE (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5590 FEET.



**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*[Signature]*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 110310  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

**LEGEND:**

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

LATITUDE = 39°50'32"  
LONGITUDE = 109°06'56"

N89°59'E - 80.04 (G.L.O.)

Set Stones, old Lot w/ Flagging

N0°02'E - (G.L.O.)

N0°02'E - G.L.O. (Basis of Bearings)  
2636.77' - (Measured)

Set Stone, Large Pile of Stones, old Lot w/ Flagging

SE/SE  
Elev. Ungraded Ground - 5600'

420' (Comp.)

460'

21

N0°01'E - (G.L.O.)

ADD STR FOR DIL SCALE PROTECTION

SURFACE CASING COMMENT

Well name: <b>01-01 Huntford Quest Rev.</b>	
Operator: <b>Huntford</b>	Project ID: <b>43-047-33805</b>
String type: <b>Surface</b>	
Location: <b>Uintah Co.</b>	

**Design parameters:**

**Collapse**

Mud weight: 8.330 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 72 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 185 ft

Cement top:

Surface

w/15% wash out

140 sk 50/50  
1.55 cu ft  
1 in ft

Non-directional string.

- OR - 193% EXCESS  
DISCOUNT SHOE JOINT

**Burst**

Max anticipated surface pressure: 0 psi  
Internal gradient: 0.444 psi/ft  
Calculated BHP 222 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on air weight.  
Neutral point: 437 ft

**Re subsequent strings:**

Next setting depth: 4,800 ft  
Next mud weight: 8.540 ppg  
Next setting BHP: 2,129 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 500 ft  
Injection pressure: 500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish Assumed	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	500	8.625	24.00	J-55	ST&C	500	500	7.972	24.1

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	216	1370	6.33	222	2950	13.30	12	244	20.33 J

Prepared R.A.McKee  
by: Utah Dept. of Natural Resources

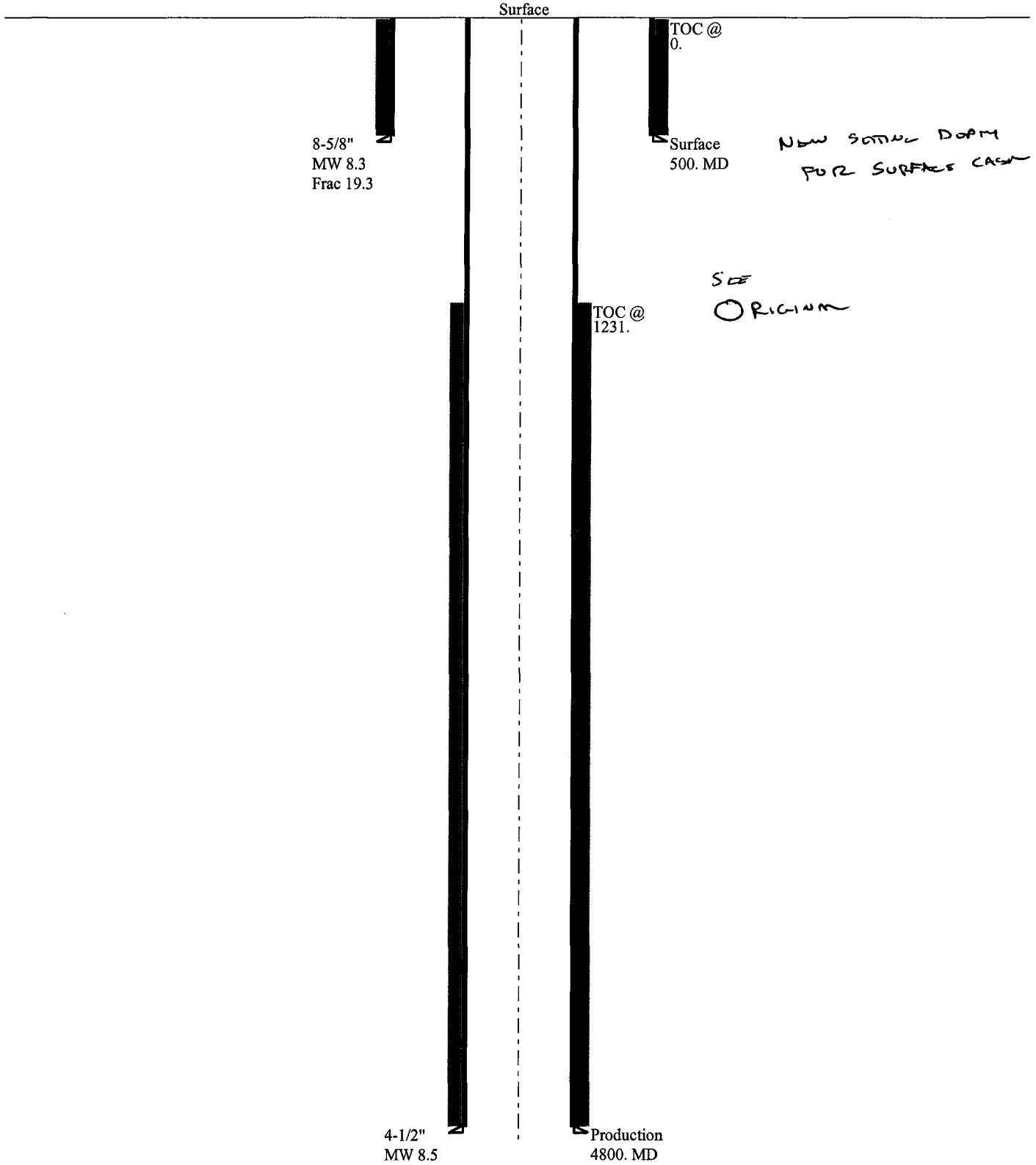
Date: January 9,2001  
Salt Lake City, Utah

**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.  
Collapse is based on a vertical depth of 500 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes.  
Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

01-01 Huntford Quest Rev.  
Casing Schematic





January 10, 2001

Mr. Brad Hill  
Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, UT 84114-5801

RE: Quest #16-21  
SE SE of Section 21 T11S R25E  
Uintah County, Utah

Dear Mr. Hill:

Huntford is asking for an location exception on the above caption drillsite because of topographic problems. We asking for a location that is 460 FEL and 420 FSL. We have 100% minerals leased in Section 28.

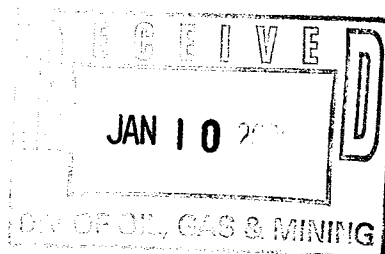
Please call me if you have any questions. Thank you.

Sincerely,

A handwritten signature in dark ink, appearing to be "ST", is written over a horizontal line.

Steven A. Tedesco

SAT:ett  
Enclosures





---

January 09,2001

Utah Division of Oil, Gas, and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, UT 84114-5801

To Whom It May Concern:

Huntford Resources Corp. requests an exception for the location of the Quest #16-21 well located in the SE SE of section 21 T11S R25E, Uintah County. This new location will allow less surface damage as it is on level ground and will allow for a shorter access road.

Please call me at the phone numbers and address given below if you have any questions. Thank you.

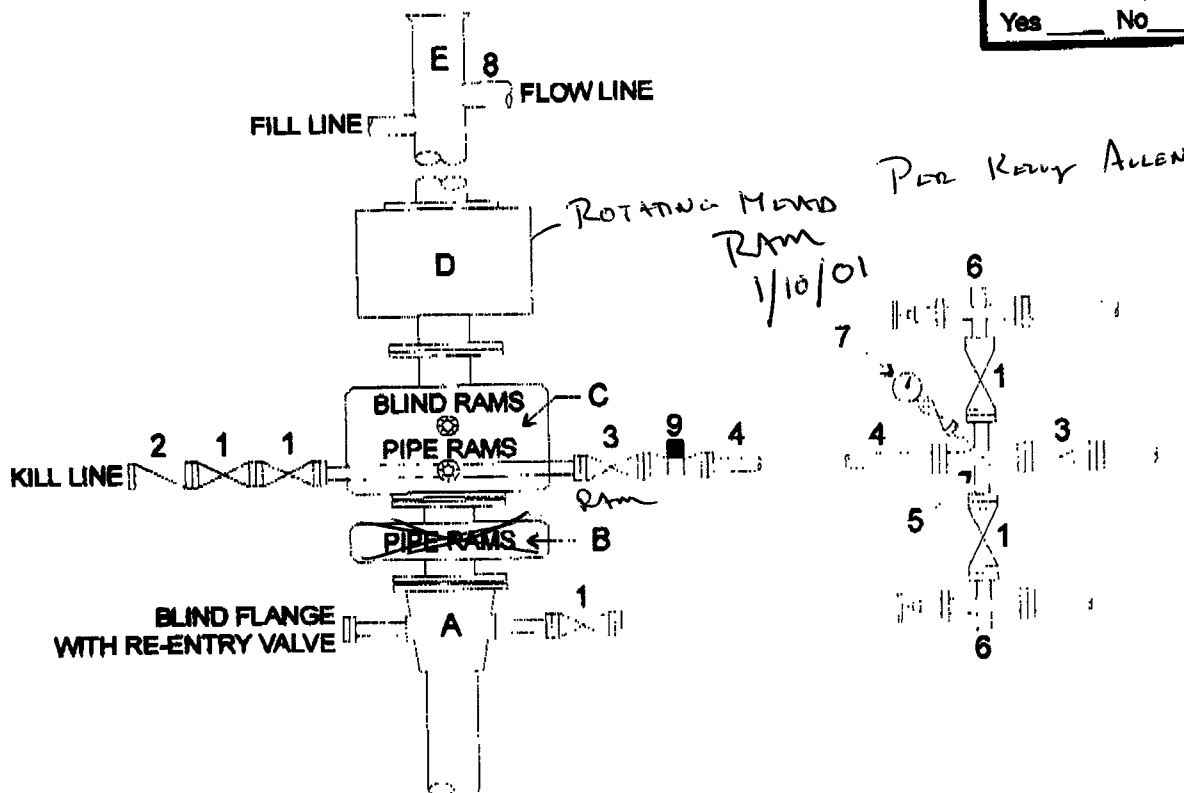
Sincerely,

A handwritten signature in black ink, appearing to read "S. A. Tedesco", is written over a horizontal line.

Steven A. Tedesco

SATctt  
Enclosures

H<sub>2</sub>S Trim Required  
Yes ☐ No ☐



### MATERIAL LIST

Item	Description	Qty.
A	Wellhead	1
B	3000# W.P. single ram type preventer, hydraulic operated with 1" steel, 3000# W.P. control lines.	1
C	3000# W.P. dual ram type preventer, hydraulic operated with 1" steel, 3000# W.P. control lines (where substructure height is adequate, 2 - 3000# W.P. single ram type preventers may be used with 3000# W.P. drilling spool with 2" minimum flanged outlet for kill line and 3" minimum flanged outlet for choke line. The drilling spool is to be installed below the single ram type preventers.)	1
D	Annular preventer, hydraulic operated with 1", 3000# W.P. control lines.	1
E	Bell nipple with flow line and fill-up outlets.	1
1	2" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc plug valve.	5
2	2" minimum 3000# W.P. back pressure valve.	1
3	3" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc plug valve.	3
4	3" minimum schedule 80, Grade "B" seamless line pipe.	
5	2" minimum x 3" minimum 3000# W.P. flanged cross.	1
6	2" minimum 3000# W.P. adjustable choke body.	2
7	Cameron Mud Gauge or equivalent (location optional choke line).	1
8	8-5/8" minimum steel flow line.	
9	3" minimum 3000# W.P. flanged hydraulic operated gate valve.	1

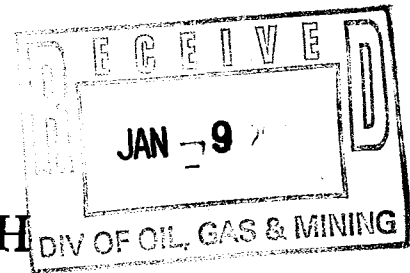
Drilling Control  
Condition III-3000# W.P.

Exhibit D

Wagner Engineering, LLC  
Littleton, Colorado

**Drilling Plan**  
(ABBREVIATED)  
**Quest 16-21**  
**SEC. 21-T11S-R25E**  
**UINTAH COUNTY, UTAH**

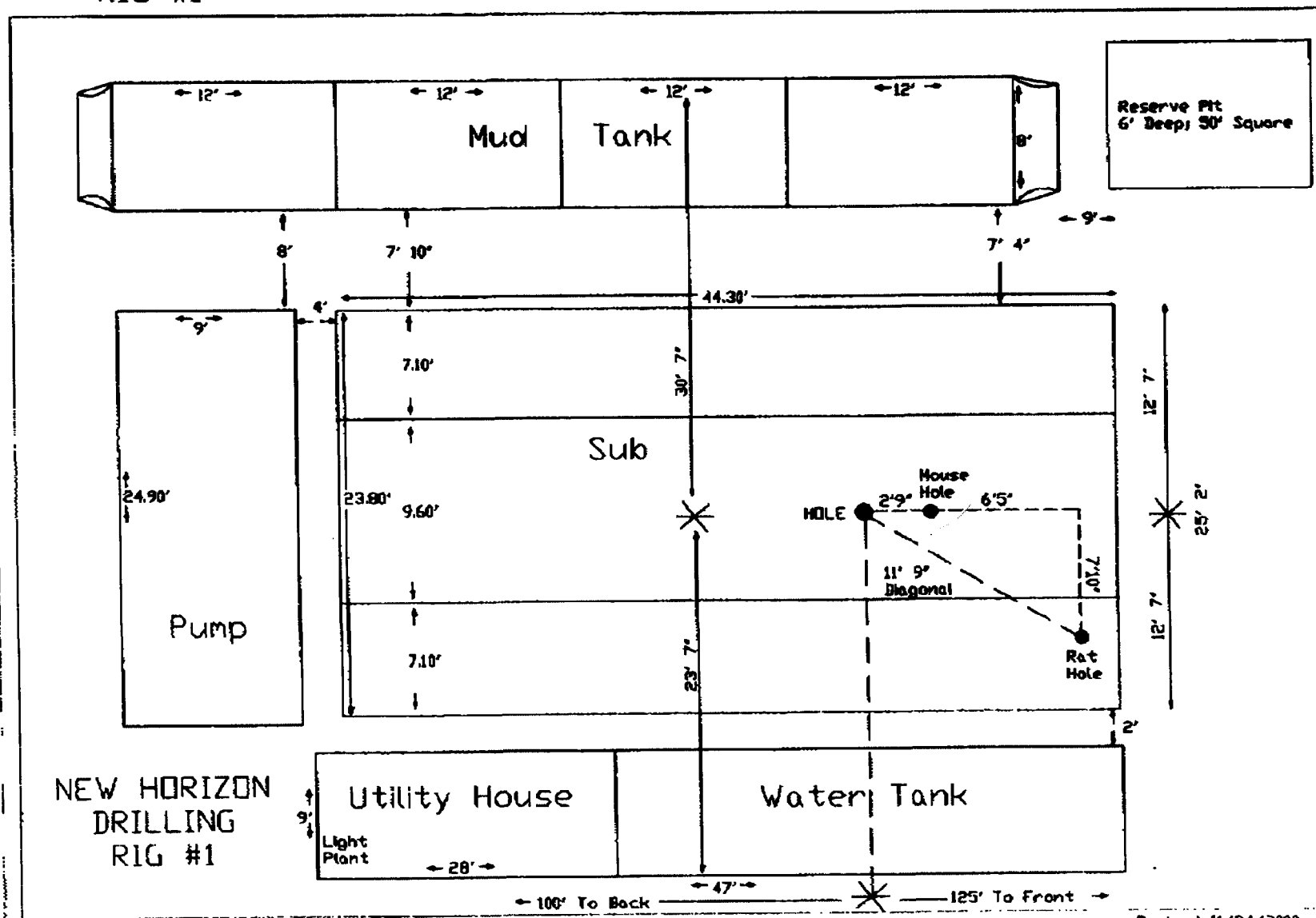
12/1/2000  
M G Wagner



- 1) PU a 10 3/4" bit and 6" droll collars, drill to 500' with fresh water and or spud mud. Circulate and condition hole. TOOH.
- 2) PU the following casing and cementing equipment:
  - a) Guide Shoe for 8 5/8" casing
  - b) 1 joint of 8 5/8", 24.4 ppf, J55 casing with centralizer and stop ring in center of joint
  - c) Float Collar for 8 5/8" casing
  - d) 8 5/8", 24.4 ppf, J55 casing to surface with centralizers every other joint
  - e) Cementing head
- 3) Cement with 50-50 pozmix (1.55 cu.ft./sk yield) and additives as necessary to bring cement to surface, estimated using hole diameter plus 50% excess. WOC minimum of 8 hrs.
- 4) Cut off surface casing and weld on 8 5/8", 3M casing head. NU 3M BOPE. Pressure test same to 500 psig and 3000 psig. BOPE will include:
  - a) Blind ram
  - b) Pipe ram
  - c) Rotating head for 750 psig surface pressure
  - d) 3M choke manifold
- 5) PU 7 7/8" bit and drill collars. Drill out of casing shoe with fresh water. Drill to 4800' TD using 4% KCL water/polymer. Take surveys per State requirements, or as deviation dictates.
- 6) At TD, run a GR/DIL/FDC/CNL/caliper log suite from TD to base of surface casing.
- 7) PU the following casing and cementing equipment:
  - a) Guide shoe for 4 1/2" casing
  - b) 1 joint of 4 1/2", 10.5 ppf, J55 casing with centralizer and stop ring in center of joint
  - c) Float Collar for 4 1/2" casing
  - d) 4 1/2", 10.5 ppf, J55 casing to surface with centralizers across every prospective interval
  - e) Cementing head
- 8) Cement with Class G neat (1.2 cu.ft./sk yield) to surface using caliper log plus 10%. Reciprocate pipe if possible.
- 9) Land casing as cemented (full tension). Cut off and install tubing head and valve. RDMORT. Prepare to complete well.

NEW HORIZON  
DRILLING  
RIG #1

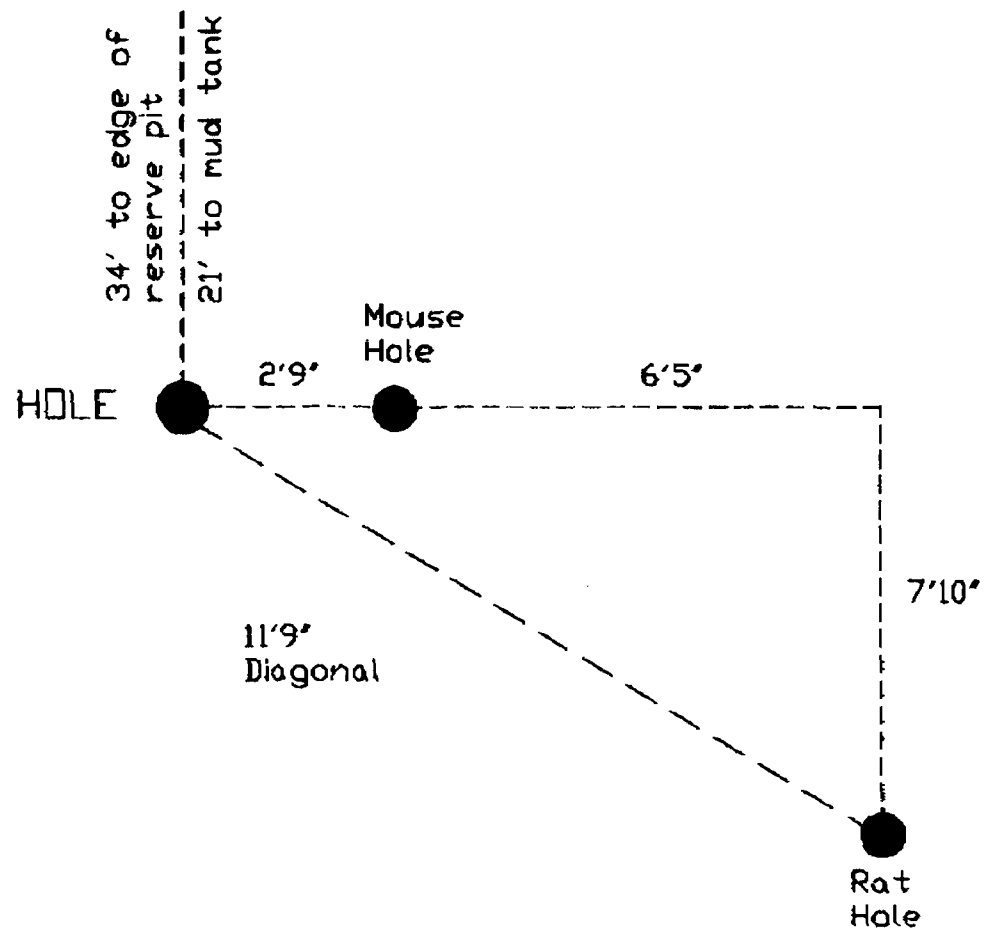
RIG LAYOUT



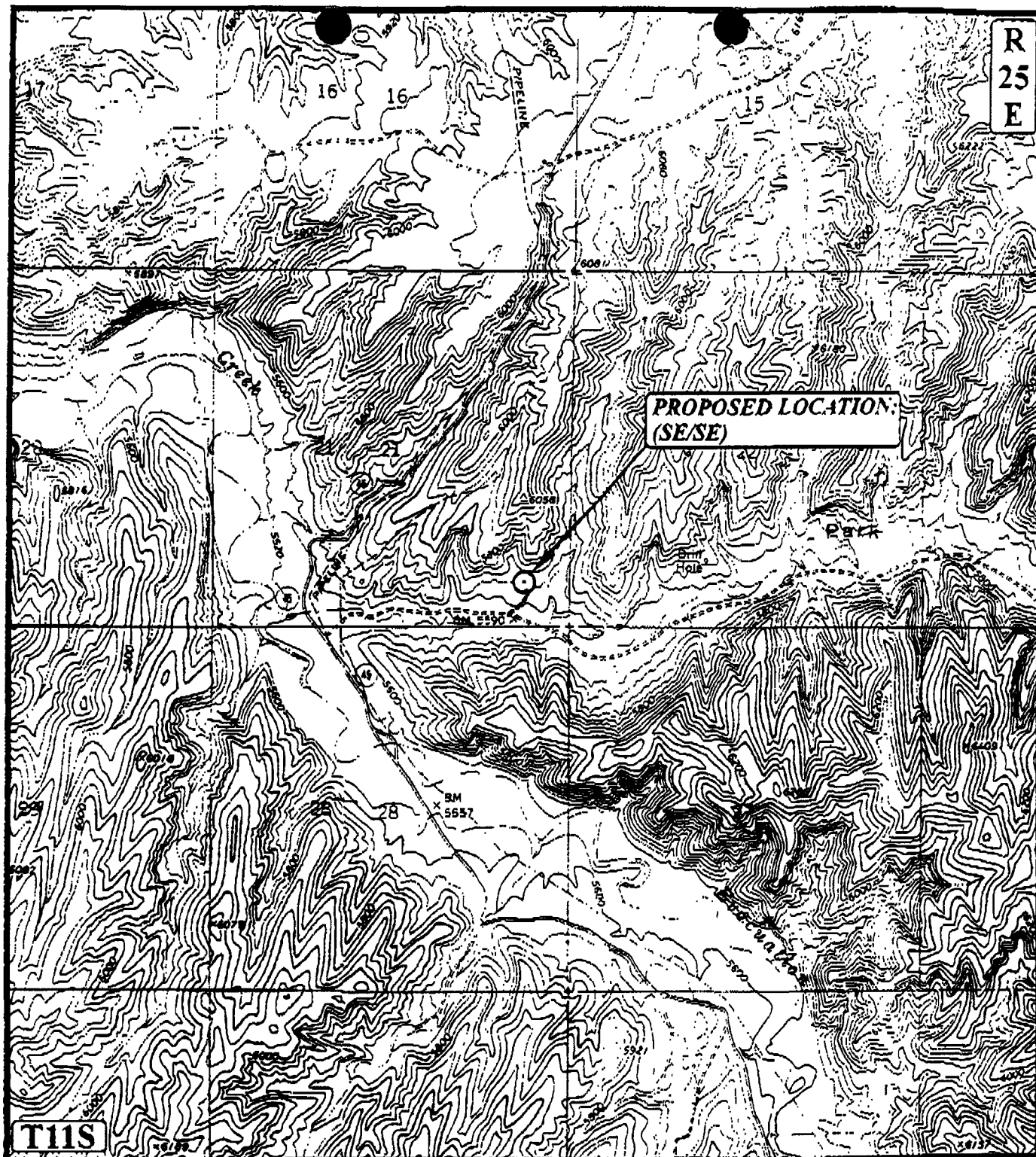
Revised 11/24/2000

# New Horizon Drilling Rig #1

Rathole & Mousehole



-Mud tank is cut down 1' on front end, and 18"

**LEGEND:**

----- PROPOSED ACCESS ROAD  
————— EXISTING ROAD

**HUNTFORD RESOURCES CORP.**

**PROPOSED LOCATION (SE/SE)**  
**SECTION 21, T11S, R25E, S.L.B.&M.**  
420' FSL 400' FEL



**Utah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 • FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

**9 7 00**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.G. REVISED: 00-00-00

**B**  
**TOPO**

**From:** Kimm Harty  
**To:** Bruce Ratzlaff  
**Date:** 1/10/01 8:37AM  
**Subject:** UGS comments of RDCC list

Bruce - Here are UGS comments for items 319, 320, 321, and 322 (Huntford Resources Corp permits to drill):

Although there are no recorded paleontological localities at these potential drill sites, the Unita and Green River Formations exposed throughout the area both have the potential for yielding significant fossils. Therefore, should drilling be approved, the UGS recommends that Huntsford Resources Corp. consider conducting a pre-construction paleontological survey in areas of potential surface disturbance.

DIVISION OF OIL, GAS AND MINING  
APPLICATION FOR PERMIT TO DRILL  
STATEMENT OF BASIS

Operator Name: HUNTFORD RESOURCES CORP.

Well Name & Number: QUEST 16-21

API Number: 43-047-33805

Location: 1/4, 1/4 SE/SE Sec. 21 T. 11S R. 25E

Geology/Ground Water:

Huntford proposes to set 500' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 5600' (below the proposed depth for the well in question). A search of Division of Water Rights records shows 5 water wells within a 10,000 foot radius of the SE corner of section 21. Only one is within a mile of the proposed well and is owned by Cliffs Synfuels. All are industrial use wells with depths ranging from 100-750'. The surface formation at this site is the oil shale section of the Green River Formation. The Green River Formation is made up of interbedded limestones, shales and sandstones. The proposed casing and cementing program should adequately protect any underground sources of usable water. The surface casing and cement will satisfy the requirement to protect the oil shale zone.

Reviewer: BRAD HILL

Date: 1/11/2001

Surface:

The pre-drill investigation of the surface was performed on 1/12/2001. Surface owner is Cliffs Synfuel Corp. Gary Aho (Cliffs Synfuels President) was not present at this investigation, but in a meeting on 1/8/2001 and on several subsequent telephone conversations Mr Aho stated a number of specific concerns regarding the construction and drilling of this well. He wanted the reserve pit closed as soon as it became feasible. He asked that the reserve pit be fenced at all times until it is closed. He asked that a cattle guard be installed where access road leaves the county road.

Mr. Aho stated that the Mahogany zone of the Parachute Creek member of the Green River formation contained oil shale and that at some point in the future Cliffs Synfuel Corp. may attempt to mine this resource. This zone is near the surface at this site. His concern was that this well may hinder that possible operation. Mr. Aho also requested that site be reseeded when location is reclaimed and well plugged. This site appears to be the best site for a location in the immediate area.

Reviewer: David W. Hackford

Date: 1/12/2001

Conditions of Approval/Application for Permit to Drill:

**ON-SITE PREDRILL EVALUATION**  
**Division of Oil, Gas and Mining**

OPERATOR: HUNTFORD RESOURCES CORP.

WELL NAME & NUMBER: QUEST 16-21

API NUMBER: 43-047-33805

LEASE: FEE FIELD/UNIT: WILDCAT

LOCATION: 1/4, 1/4 SE/SE SEC: 21 TWP: 11S RNG: 25E  
460' F E L 420' F S L

LEGAL WELL SITING: Statewide 400 foot window in center of 40  
acre tract and no closer than 920 feet from  
another well: (Exception Location)

GPS COORD (UTM): 12661214E 4411833N

SURFACE OWNER: CLIFFS SYNFUEL CORP.

**PARTICIPANTS:**

KELLY ALLEN AND CURLY TETER (HUNTFORD RESOURCES CORPORATION).  
JOHN FAUCETT (DIRT CONTRACTOR). DAVID HACKFORD (D.O.G.M.)

**REGIONAL/LOCAL SETTING & TOPOGRAPHY:**

SITE IS ON THE FOOT OF THE SOUTHEAST SLOPE OF A RIDGE RUNNING  
NORTHEAST TO SOUTHWEST. TOP OF RIDGE IS 0.30 MILES TO THE  
NORTHWEST. SLOPE IS EXTREMELY STEEP.

**SURFACE USE PLAN:**

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING.  
HUNTING.

PROPOSED SURFACE DISTURBANCE: LOCATION WOULD BE 150' BY  
250'. ACCESS ROAD HAS NOT BEEN SURVEYED AT THIS TIME BUT  
WILL BE APPROX. 400'.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE  
ATTACHED MAP FROM GIS DATABASE

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: ALL  
PRODUCTION FACILITIES WILL BE ON LOCATION AND CONSTRUCTED  
AFTER WELL IS DRILLED AND COMPLETED. THE PIPELINE TO THIS  
WELL WILL FOLLOW ACCESS ROAD.

SOURCE OF CONSTRUCTION MATERIAL: ALL CONSTRUCTION MATERIAL  
WILL BE BORROWED FROM SITE DURING CONSTRUCTION OF LOCATION.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

**WASTE MANAGEMENT PLAN:**

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS  
FROM PIT WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL  
BE CONFINED TO STORAGE TANKS. SEWAGE FACILITIES, STORAGE  
AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH  
WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED  
LAND FILL.

**ENVIRONMENTAL PARAMETERS:**

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: NATIVE GRASSES, JUNIPER, GREASEWOOD, CHEAT  
GRASS, SHADSCALE, SAGE: RODENTS, COYOTES, SONGBIRDS,  
RAPTORS, PRONGHORN, DEER, ELK, COUGAR, BLACK BEAR.

SOIL TYPE AND CHARACTERISTICS: BROWN SANDY CLAY LOAM.

EROSION/SEDIMENTATION/STABILITY: VERY LITTLE NATURAL  
EROSION. SEDIMENTATION AND STABILITY ARE NOT A PROBLEM AND  
LOCATION CONSTRUCTION SHOULDN'T CAUSE ANY INCREASE IN  
STABILITY OR EROSION PROBLEMS.

PALEONTOLOGICAL POTENTIAL: NONE SITED.

**RESERVE PIT:**

CHARACTERISTICS: 50' BY 50' AND 10' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached):                     

A 12 MIL LINER WILL BE REQUIRED FOR RESERVE PIT.

**SURFACE RESTORATION/RECLAMATION PLAN:**

AS PER LANDOWNER AGREEMENT OR AS DIRECTED BY D.O.G.M.

**SURFACE AGREEMENT:** NO.

**CULTURAL RESOURCES/ARCHAEOLOGY:** SITE IS ON FEE LAND.

**OTHER OBSERVATIONS/COMMENTS:**

THE PRE-DRILL INVESTIGATION TOOK PLACE ON A COOL, BREEZY DAY.

**ATTACHMENTS:**

PHOTOS OF SITE WILL BE PLACED ON FILE.

DAVID W. HACKFORD  
DOGM REPRESENTATIVE

1/12/2001 -10:30 AM  
DATE/TIME

Evaluation Ranking Criteria and Ranking Score  
For Reserve and On-site Pit Liner Requirements

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
<b>Distance to Groundwater (feet)</b>		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>5</u>
<b>Distance to Surf. Water (feet)</b>		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
<b>Distance to Nearest Municipal Well (feet)</b>		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	15	<u>0</u>
<b>Distance to Other Wells (feet)</b>		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
<b>Native Soil Type</b>		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>10</u>
<b>Fluid Type</b>		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	15	
TDS >10000 or Oil Base	20	
Mud Fluid containing high levels of hazardous constituents		<u>5</u>
<b>Drill Cuttings</b>		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
<b>Annual Precipitation (inches)</b>		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
<b>Affected Populations</b>		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
<b>Presence of Nearby Utility</b>		
<b>Conduits</b>		
Not Present	0	
Unknown	10	
Present	15	<u>15</u>
<b>Final Score</b>		<u>35</u>







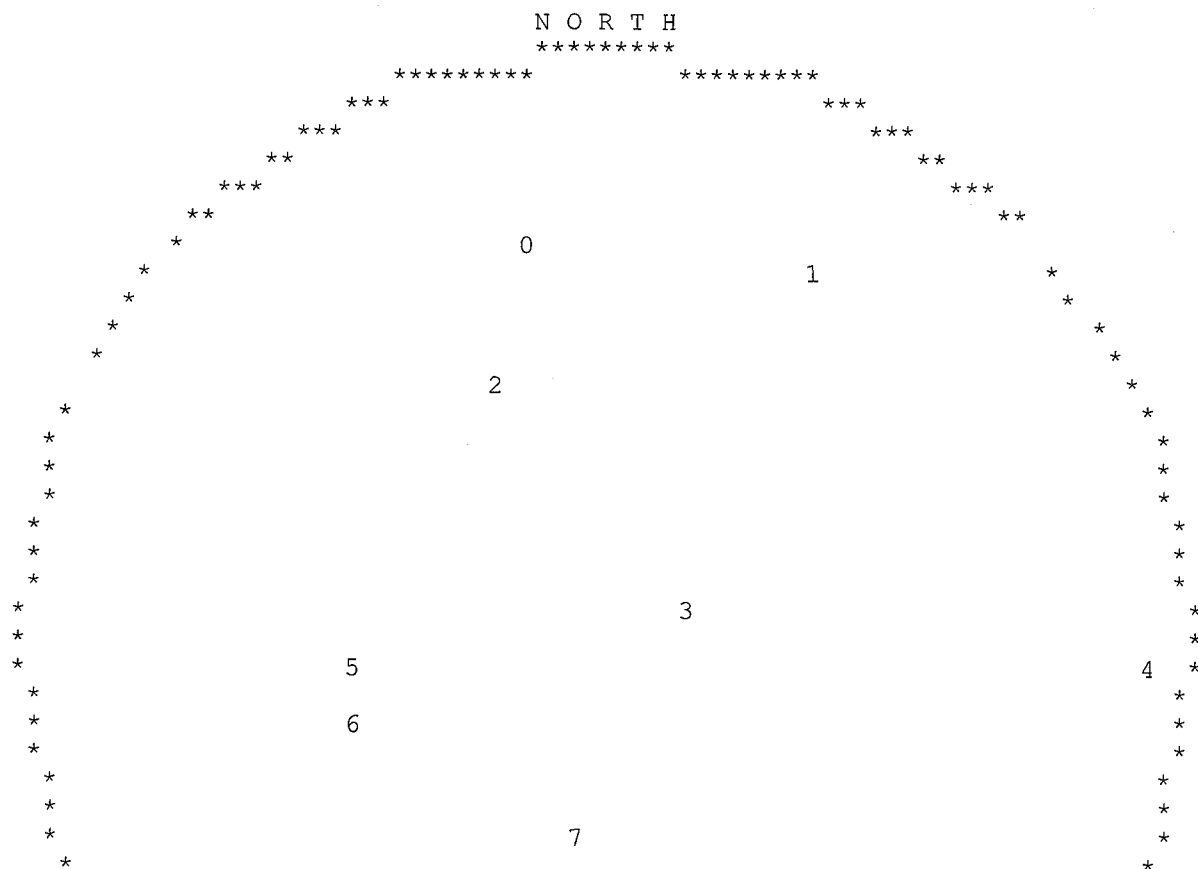


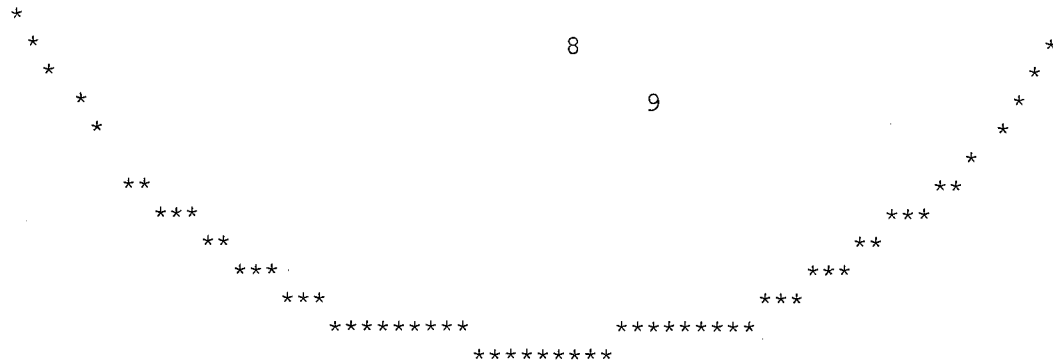


UTAH DIVISION OF WATER RIGHTS  
WATER RIGHT POINT OF DIVERSION PLOT CREATED THU, JAN 11, 2001, 3:29 PM  
PLOT SHOWS LOCATION OF 15 POINTS OF DIVERSION

PLOT OF AN AREA WITH A RADIUS OF 10000 FEET FROM A POINT  
FEET, FEET OF THE SE CORNER,  
SECTION 21 TOWNSHIP 11S RANGE 25E SL BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 4000 FEET





UTAH DIVISION OF WATER RIGHTS  
NWPLAT POINT OF DIVERSION LOCATION PROGRAM

MAP CHAR	WATER RIGHT	CFS	QUANTITY AND/OR AC-FT	SOURCE DIAMETER	DESCRIPTION or WELL INFO DEPTH	YEAR LOG	NORTH	EAST	POINT OF DIVERSION	DESCRIPTION	CNR	SEC	TWN	RNG B&M	
0	<u>49 1587</u>	.0000	1.93	6	100 - 500		N	1200	W	1320	SE 16	11S	25E	SL	
	WATER USE(S): OTHER Anschutz Exploration Corp.										PRIORITY DATE: 10/26/1999 Denver				
	555 Seventeenth Street														
1	<u>49 1586</u>	.0000	1.93	6	100 - 500		N	1121	W	1735	SE 15	11S	25E	SL	
	WATER USE(S): OTHER Anschutz Exploration Corp.										PRIORITY DATE: 10/26/1999 Denver				
	555 Seventeenth Street														
2	<u>49 1588</u>	.0000	1.93	6	100 - 500		S	1000	W	1800	NE 21	11S	25E	SL	
	WATER USE(S): OTHER Anschutz Exploration Corp.										PRIORITY DATE: 10/26/1999 Denver				
	555 Seventeenth Street														
3	<u>49 1557</u>	.0000	2.00	6	100 - 500	<u>N</u>	N	465	E	1363	SW 22	11S	25E	SL	
	WATER USE(S): OTHER Anschutz Exploration Corporation										PRIORITY DATE: 05/01/1999 Denver				
	555 Seventeenth Street														
3	<u>49 1614</u>	.0000	2.00	6	750	Y	N	465	E	1363	SW 22	11S	25E	SL	

		WATER USE(S): OTHER															PRIORITY DATE: 06/17/199
		Cliffs Synfuel Corporation															Rifle
3	49 1639	.0000	48.00	6	750	1995	Y	N	465	E	1363	SW	22	11S	25E	SL	
		WATER USE(S): OTHER															PRIORITY DATE: 01/27/200
		Cliffs Synfuel Corp.															Rifle
4	49 1604	.0000	.47	6	0	-			75			S	300	W	1300	NE	26
		WATER USE(S): STOCKWATERING															11S
		Cripple Cowboy Outfit															25E
																	SL
																	PRIORITY DATE: 04/21/199
																	Rangely
5	49 1644	.0000	1.00									S	300	E	1082	NW	28
		WATER USE(S): OTHER															11S
		Wagner Engineering L.L.C.															25E
																	SL
																	PRIORITY DATE: 12/07/200
																	Littleton
6	49 113	.0000	250000.00									S	1274	E	1045	NW	28
		WATER USE(S): DOMESTIC MINING POWER															11S
		State of Utah Board of Water Resources															25E
																	SL
																	PRIORITY DATE: 05/19/196
																	Salt Lake City
6	49 304	.0000	105000.00									S	1274	E	1045	NW	28
		WATER USE(S): DOMESTIC POWER OTHER															11S
		State of Utah Board of Water Resources															25E
																	SL
																	PRIORITY DATE: 05/19/196
																	Salt Lake City
6	49 1272	.0000	1500.00									S	1274	E	1045	NW	28
		WATER USE(S): DOMESTIC OTHER															11S
		State of Utah Board of Water Resources															25E
																	SL
																	PRIORITY DATE: 05/19/196
																	Salt Lake City
7	49 905	.0000	.00														
		WATER USE(S): STOCKWATERING OTHER															
		USA Bureau of Land Management															
																	PRIORITY DATE: 00/00/190
																	Salt Lake City
7	49 905	.0000	.00														
		WATER USE(S): STOCKWATERING OTHER															
		USA Bureau of Land Management															
																	PRIORITY DATE: 00/00/190
																	Salt Lake City
8	49 904	.0000	.00														
		WATER USE(S): STOCKWATERING OTHER															
		USA Bureau of Land Management															
																	PRIORITY DATE: 00/00/190
																	Salt Lake City
9	49 1115	.0000	.00														
		WATER USE(S): STOCKWATERING OTHER															
		USA Bureau of Land Management															
																	PRIORITY DATE: 00/00/186
																	Salt Lake City

TRANSACTION REPORT

P.01

JAN-12-2001 FRI 06:28 PM

FOR: OIL, GAS & MINING

801 359 3940

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
JAN-12	06:21 PM	13036177442	6'26"	7	SEND	OK	852	

TOTAL : 6M 26S PAGES: 7



**State of Utah**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5940  
801-359-3940 (Fax)  
801-538-7223 (TDD)

**UTAH DIVISION OF OIL, GAS AND MINING  
FACSIMILE COVER SHEET**

DATE:

1/12/01

FAX #:

303 617 7442

ATTN:

Jamie Kowal

COMPANY:

Huntford

DEPARTMENT:

NUMBER OF PAGES: (INCLUDING THIS ONE)

7

FROM:

Earlene Russell

TRANSACTION REPORT

P. 01

JAN-12-2001 FRI 06:21 PM

FOR: OIL, GAS & MINING

801 359 3940

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
JAN-12	06:19	PM 13039328409	2' 02"	7	SEND	OK	851	

TOTAL : 2M 2S PAGES: 7



**State of Utah**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
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Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7229 (TDD)

**UTAH DIVISION OF OIL, GAS AND MINING**  
**FACSIMILE COVER SHEET**

DATE:

1/12/01

FAX #:

303 932 8409

ATTN:

Mark Wagner

COMPANY:

Huntford

DEPARTMENT:

NUMBER OF PAGES: (INCLUDING THIS ONE)

7

FROM:

Earlene Russell

**HUNTFORD RESOURCES CORP.**

14550 East Easter, Ste 1000  
Englewood, CO 80112  
(303) 617-7454 (303) 617-7442 (Fax)  
stedesco@atoka.com

**FAX COVER SHEET**

**Date:** Jan 12  
**To:** Lisha Cordova  
**From:** Jamie Kowal

**Fax No.** 801 359-3940  
**No. of Pages:** 6 inc Cover

**Message:** I changed the location on the rest of these documents. please let me know if you need anything else.

Thank You,  
*Jamie Kowal*

**CONFIDENTIAL  
FAX COVER SHEET**

**RECEIVED**

JAN 12 2001

DIVISION OF  
OIL, GAS AND MINING

## AFFIDAVIT

State of Colorado

County of Arapaho

Steven A. Tedesco, whose address is 14550 East Easter Ave., Suite 1000, Englewood, Colorado 80112,  
being first duly sworn sates:

I am President employed by Huntford Resources Corporation, and I am familiar with the ownership of the  
surface of the following described parcels of land located in Uintah County, Utah, to wit:

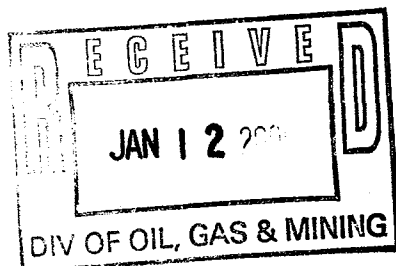
Township 11 South, Range 25 East, Salt Lake Meridian  
Section 21: SE1/4 SE1/4 owned by Cliffs Synfuel Inc.

Between June of 2000 to November 15, 2000, Huntford and its agents have been in discussions with Gary  
Aho, President of Cliffs Synfuels, Inc. in an attempt to negotiate for the use of the surface and settlement of  
anticipated damages prior to entry upon the lands for the purpose of drilling the Quest #16-21 at a legal  
location of 420' FSL 460' FEL (SE SE) of Section 21, Township 11 South, Range 25 East, SLM.

On behalf of Huntford, I have made an offer to Cliffs Synfuels, Inc. which was fair, equitable and  
consistent with offers made by Huntford and accepted by other fee surface owners in the area for similar  
disturbances in the drilling of test wells for the production of oil and gas.

Cliffs Synfuels has constantly demanded additional compensation or terms that are not related to surface  
damage or surface use and are inconsistent with normal oil and gas operations.

Further affiant saith not.

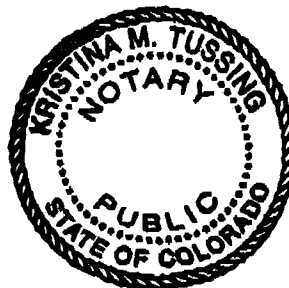


*Steven A. Tedesco*  
Steven A. Tedesco

*Kristina M. Tussing*  
Notary Public

Address: 5141 S. Gibraltar Ct.  
Centennial CO 80015

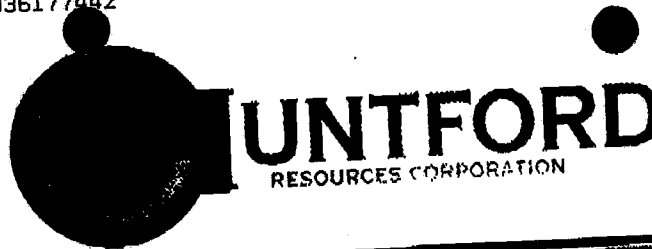
My commission expires: 5-22-04



RECEIVED

JAN 12 2001

DIVISION OF  
OIL, GAS AND MINING



January 12, 2001

Utah Division of Oil, Gas, and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, UT 84114-5801

To Whom It May Concern:

Huntford Resources Corp. requests an exception for the location of the Quest #16-21 well located in the SE SE of section 21 T11S R25E, Uintah County. We are asking for a location that is 460' FEL and 420' FSL. There are no other owners within 460' from the new proposed well location.

Please call me at the phone numbers and address given below if you have any questions. Thank you.

Sincerely,

Jamie N. Kowal

JNK/jnk  
Enclosures

RECEIVED

14550 E. East Avenue, Suite 1000 • Englewood, CO 80112 • Phone: (303) 617-7454 • Fax: (303) 617-7442

JAN 12 2001

DIVISION OF  
OIL, GAS AND MINING

R  
25  
EPROPOSED LOCATION:  
(SE/SE)

T11S

## LEGEND:

----- PROPOSED ACCESS ROAD  
————— EXISTING ROADU  
E  
SUtah Engineering & Land Surveying  
88 South 200 East Vernal, Utah 84078  
(435) 789-1017 • FAX (435) 789-1813

N

HUNTFORD RESOURCES CORP.

PROPOSED LOCATION (SE/SE)  
SECTION 21, T11S, R25E, S.L.B.&M.  
429 FSL 460 FELTOPOGRAPHIC  
MAP9 7 00  
MONTH DAY YEAR

B

SCALE: 1" = 2000'

DRAWN BY: C.G. [REVISED: 00-00-00]

TOPO

RECEIVED

JAN 12 2001

DIVISION OF  
OIL, GAS AND MINING



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

January 12, 2001

Huntford Resources Corp.  
14550 E Easter Ave, Suite 1000  
Englewood, CO 80112

Re: Quest 16-21 Well, 420' FSL, 460' FEL, SE SE, Sec. 21, T. 11 South, R. 25 East,  
Uintah County, Utah

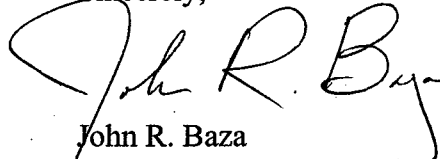
Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-33805.

Sincerely,



John R. Baza  
Associate Director

er

Enclosures

cc: Uintah County Assessor

**Operator:** Huntford Resources Corp.

**Well Name & Number** Quest 16-21

**API Number:** 43-047-33805

**Lease:** FEE

**Location:** SE SE      **Sec.** 21      **T.** 11 South      **R.** 25 East

### **Conditions of Approval**

#### **1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### **2. Notification Requirements**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

#### **3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

#### **4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).**

#### **5. In accordance with the Order in Cause No. 190-3 dated September 19, 1985, the operator shall comply with the requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operators shall ensure that the surface and or production casing is properly cemented over the entire oil shale section as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the division.**

Page Two  
Huntford Resources Corp  
Conditions of Approval  
API # 43-047-33805  
January 12, 2001

6. The Application for Permit to Drill has been forwarded to the Resource Development Coordinating Committee for review of this action. The operator will be required to comply with any applicable recommendations resulting from this review.
7. Huntford shall provide revised and certified survey plats.
8. In accordance with Rule R649-3-34(9), the Division of Oil, Gas and Mining shall establish minimum wellsite restoration requirements for this well. Prior to plugging and abandonment of this well, the operator shall notify the Division and allow the Division to establish such minimum wellsite restoration requirements in advance of the operator commencing plugging and abandonment operations.

THOMAS W. BACHTELL  
A. JOHN DAVIS, III  
JOHN W. ANDERSON  
FREDERICK M. MACDONALD  
GEORGE S. YOUNG  
ANGELA L. FRANKLIN  
JOHN S. FLITTON  
MICHAEL S. JOHNSON  
WILLIAM E. WARD

LAW OFFICES  
**PRUITT, GUSHEE & BACHTELL**  
Suite 1850 Beneficial Life Tower  
Salt Lake City, Utah 84111-1495  
(801) 531-8446  
Telecopier (801) 531-8468  
e-mail: [mail@pgblaw.com](mailto:mail@pgblaw.com)

SENIOR COUNSEL

ROBERT G. PRUITT, JR.  
OLIVER W. GUSHEE, JR.

OF COUNSEL

ROBERT G. PRUITT, III  
BRENT A. BOHMAN

---

**TELECOPIER TRANSMITTAL COVER SHEET**

---

TO:	John Baza	DATE:	January 15, 2001
COMPANY:	Utah Division of Oil, Gas and Mining	TELECOPIER NUMBER:	359-3940
CITY/STATE:	Salt Lake City, UT	PAGES (INCLUDING COVER SHEET):	1
FROM:	Robert G. Pruitt, Jr.	CLIENT/MATTER NUMBER:	1216.11

---

MESSAGE: John:

Concerning the Huntford Resources vs. Cliffs Synfuel "oil shale conflict" on private lands in eastern Uintah County, I would like to explore with you and other staff of DOGM how we might petition the Board for an Order (I refer to it as a "Protective Order") establishing the minimum sized "support pillar" that must be left around an open gas well in the event of near-surface or shallow mining on the Oil Shale Property owned by Cliffs Synfuel.

If, as Huntford proposes, a very small support pillar (say, 30-feet or so in diameter) is all that is required for shallow mining (that is, down to a maximum depth of 400 feet), then the concern of Cliffs Synfuel evaporates. Such a small support pillar can be left almost anywhere. But if a larger support pillar is needed, then Cliffs Synfuel will be obliged to fight Huntford's proposed "close pattern well spacing" simply to preserve its ability to mine and extract the known and proven shallow oil shale deposits underlying its private lands. An Order by the Board, after expert testimony at a hearing, should be able to specify exactly what size support pillar is needed, and the Board's formal Order should influence any situation or concern arising in the future, if and when an actual "multiple mineral" conflict exists. Cliffs Synfuel cannot benignly wait, until it is too late, to know what the mining (and support) parameters will be!

Please identify who on DOGM's staff has the expertise to discuss this issue with our engineer, and to advise the Board at a formal hearing. Then call me at 531-8446 to set up a meeting among the parties to explore this option. Time is of the essence!

Thanks for your invaluable assistance.

Bob Pruitt

cc: Gary D. Aho (via FAX to 970/625-2448)

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

PHONE CONVERSATION DOCUMENTATION FORM

☒ This is the original form ☐ or a copy ☐

☒ Route this form to:

☒ WELL FILE Quest 16-21

☐ SUSPENSE

☐ OTHER

Return date \_\_\_\_\_

To: initials \_\_\_\_\_

Section 21 Township 119 N 10 S Range 25 E  
API number H3-047-33805

Date of phone call: 1/19/01 Friday Time: 4:20 pm

DOGM employee (name) Carlene Russell Initiated call? ☐

Spoke with:

Name Gary Aho Initiated call? ☒

of (company/organization) \_\_\_\_\_ Phone no. \_\_\_\_\_

Topic of conversation: Was Permit approved + issued?

Highlights of conversation: Mr Aho wondered if the permit was issued because operator is not returning his calls. He felt they were trespassing. Operator had not notified him for permission to go onto land. Owner had not received a copy of the permit. Owner said no agreement or contract has been reached with operator but he felt that was his problem. I told him I wasn't aware I was to send copy of permit to him. APD approved Tues 1/16/01 + faxed to operator.



January 27, 2001

**CONFIDENTIAL**

Mr. John Baza  
STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
P.O. Box 14801  
Salt Lake City, UT 84114-5801

RE: Quest 16-21 43-047-33805  
Se Se Section 21  
Township 11 South, Range 25 East

Dear John:

Huntford Resources Corp. is requesting confidentiality status for all information for the above captioned hole under the time period allowed for by the State of Utah once the well is completed. Please let me know if this acceptable or call me if you have any comments or questions. Thank you.

Sincerely,

Steven A. Tedesco

SAT\kwj

**RECEIVED**

**JAN 29 2001**

**DIVISION OF  
OIL, GAS AND MINING**



# State of Utah

GOVERNOR'S OFFICE OF PLANNING AND BUDGET  
Resource Development Coordinating Committee

Michael O. Leavitt  
Governor

Brad T. Barber  
State Planning Coordinator

James L. Dykmann  
Committee Chairman

John A. Harja  
Executive Director

116 State Capitol Building  
Salt Lake City, Utah 84114  
(801) 538-1027  
Fax: (801) 538-1547

February 2, 2001

John Baza  
Division of Oil, Gas & Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114-5801

SUBJECT: Application for permit to drill - proposal to drill a wildcat well on the Quest 16-21 wildcat well on a FEE Gas lease  
State Identification Number: 01-322

Dear Mr. Baza:

The Resource Development Coordinating Committee (RDCC), representing the State of Utah, has reviewed this proposal. Comments from State agencies are as follows:

## Division of Air Quality

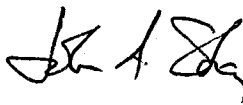
This project may require a permit, known as an Approval Order, from the Division of Air Quality. If any compressor stations are located at the site, an Approval Order from the DAQ will be required for operation of the equipment. A permit application, known as a Notice of Intent (NOI) should be submitted to the Division of Air Quality for review.

## Utah Geological Survey

Although there are no recorded paleontological localities at this potential drill site, the Unita and Green River Formations exposed throughout the area both have the potential for yielding significant fossils. Therefore, should drilling be approved, the UGS recommends that Huntsford Resources Corp. consider conducting a pre-construction paleontological survey in areas of potential surface disturbance.

The Committee appreciates the opportunity to review this proposal. Please direct any other written questions regarding this correspondence to the Utah State Clearinghouse at the above address or call Carolyn Wright at (801) 538-1535 or John Harja at (801) 538-1559.

Sincerely,

  
Natalie Gochnour  
State Planning Coordinator

NG/ar

**RECEIVED**

FEB 07 2001

DIVISION OF  
OIL, GAS AND MINING

## WELL DATA

## WELL SEARCH

## WELL DATA

## WELL HISTORY

## WELL ACTIVITY

WELL NAME **QUEST 16-21** API NUMBER **4304733805** WELL TYPE **GW** WELL STATUS **APD**  
OPERATOR **HUNTFORD RESOURCES CORP** ACCOUNT **N1405** ALT. ADDRESS FLAG **#** FIRST PRODUCTION   
FIELD NAME **WILDCAT** FIELD NUMBER **1** LA | PA DATE

## WELL LOCATION:

SURF LOCATION Q. S. T. R. M. **SESE** **21** **11.0 S** **25.0 E** **S**COUNTY **UINTAH**

## UTM Coordinates:

SURFACE - N **4411715.00**SURFACE - E **661233.00**BHL - N BHL - E CONFIDENTIAL FLAG **C**CONFIDENTIAL DATE DIRECTIONAL | HORIZONTAL HORIZONTAL LATERALS FIELD TYPE **W**WILDCAT TAX FLAG CB-METHANE FLAG ELEVATION **5650 GR**BOND NUMBER **0621469550**BOND TYPE **4**LEASE NUMBER **FEE**MINERAL LEASE TYPE **4**SURFACE OWNER TYPE **4**INDIAN TRIBE C.A. NUMBER UNIT NAME 

## CUMULATIVE PRODUCTION:

OIL GAS WATER 

## COMMENTS

ADMIN APRVL 1-12-2001; NEED RDCC COMPLETION & CERTIFIED NEW SURVEY PLAT (PROP LOC FR 660 FSL 660 FEL); OP SHOULD NOTIFY DOGM WHEN READY TO PA TO ESTABLISH MINIMUM WELLSITE RESTORATION REQ-NO

Create New Rec

Save

Cancel Change

To History

To Activity

Print Record





# State of Utah

GOVERNOR'S OFFICE OF PLANNING AND BUDGET  
Resource Development Coordinating Committee

Michael O. Leavitt  
Governor

Brad T. Barber  
State Planning Coordinator

James L. Dykmann  
Committee Chairman

John A. Harja  
Executive Director

116 State Capitol Building  
Salt Lake City, Utah 84114  
(801) 538-1027  
Fax: (801) 538-1547

February 2, 2001

John Baza  
Division of Oil, Gas & Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114-5801

SUBJECT: Application for permit to drill - proposal to drill a wildcat well on the Quest 16-21 wildcat well on a FEE Gas lease  
State Identification Number: 01-322

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Although there are no recorded paleontological localities at this potential drill site, the Unita and Green River Formations exposed throughout the area both have the potential for yielding significant fossils. Therefore, should drilling be approved, the UGS recommends that Huntsford Resources Corp. consider conducting a pre-construction paleontological survey in areas of potential surface disturbance.

The Committee appreciates the opportunity to review this proposal. Please direct any other written questions regarding this correspondence to the Utah State Clearinghouse at the above address or call Carolyn Wright at (801) 538-1535 or John Harja at (801) 538-1559.

Sincerely,

  
for Natalie Gochnour  
State Planning Coordinator

NG/ar

**RECEIVED**

FEB 07 2001

**DIVISION OF  
OIL, GAS AND MINING**



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

well file

047

S 21

T 11S

R 25E

February 14, 2001

Huntford Resources Corporation  
14550 E. Easter Ave., Suite 1000  
Englewood, CO 80112

Re : Applications for Permit to Drill (APD) in Uintah County, Utah

Gentlemen:

The Division of Oil, Gas and Mining recently received comments from the Resource Development Coordinating Committee (RDCC) for the State of Utah concerning several wells previously approved to drill or currently being processed for approval to drill by the Division. The wells, all in Uintah County, are listed as follows:

Quest #1-28

Quest # 2-28

Quest #16-21

Quest #10-22

Quest #16-22

Copies of comment letters received from RDCC are enclosed. Please be aware of the concerns expressed in the comment letters, and note that Huntford may be subject to state laws and rules administered by other state agencies as it pertains to resources and issues beyond the applicable regulations of the Division of Oil, Gas and Mining.

Sincerely,

John R. Baza  
Associate Director

Encl.

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: Huntford Resources Corp.

Operator Account Number: N-1405

Address: 14550 E. Easter Ave Suite 1000  
city Englewood

state CO zip 80112

Phone Number: 303-617-7454

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-33693	Quest 22-1		SESW	22	11S	25E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	12998		12/10/00				
Comments: <div align="center" style="font-size: 2em; opacity: 0.5;">CONFIDENTIAL</div>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-33805	Quest 16-21		SESE	21	11S	25E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	13088	01/18/01			1-18-01	
Comments: 4-3-01 <div align="center" style="font-size: 2em; opacity: 0.5;">CONFIDENTIAL</div>							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-33803	Quest 6-28		SESW	28	11S	25E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	13089	02/10/01			2-10-01	
Comments: 4-3-01 <div align="center" style="font-size: 2em; opacity: 0.5;">CONFIDENTIAL</div>							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to new entity
- E - Other (Explain in 'comments' section)

Steven A. Tedesco  
Name (Please Print)

[Signature]  
Signature  
President  
Title

3/30/01  
Date

APR 03 2001

(5/2000)

DIVISION OF  
OIL, GAS AND MINING



May 2, 2001

CONFIDENTIAL

Utah Division of Oil, Gas, and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, UT 84114-5801

*T115 R25E Sec 21  
43-047-33805*

To Whom It May Concern:

Please find enclosed a Well Completion Report and Log, a full set of electric and mechanical logs, and a directional survey for the Quest 16-21 well. *in log files*

Please call me at the phone numbers and address given below if you have any questions. Thank you.

Sincerely,

A handwritten signature in cursive script, appearing to read 'S. A. Tedesco'.

Steven A. Tedesco

SATjnk  
Enclosures

RECEIVED

MAY 04 2001

DIVISION OF  
OIL, GAS AND MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8  
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐  
b. TYPE OF WORK: NEW WELL ☒ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER ☐

2. NAME OF OPERATOR:  
Huntford Resources Corporation

3. ADDRESS OF OPERATOR: 14550 E. Easter Ave #10 CITY Englewood STATE CO ZIP 80112 PHONE NUMBER: (303) 617-7454

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: 420 FSL, 460 FEL  
AT TOP PRODUCING INTERVAL REPORTED BELOW: SAME  
AT TOTAL DEPTH: SAME

14. DATE SPUDDED: 1/23/2001 15. DATE T.D. REACHED: 1/28/2001 16. DATE COMPLETED: 3/7/2001 ABANDONED ☐ READY TO PRODUCE ☒

18. TOTAL DEPTH: MD 3,000 TVD 3,000 19. PLUG BACK T.D.: MD 2,954 TVD 2,954 20. IF MULTIPLE COMPLETIONS, HOW MANY? \* 21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  
CBL - Array Induction - BHC Sonic - Microlog - Cal - Compensated  
Nuetron Density TVD. -5401

23. WAS WELL CORED? NO ☒ YES ☐ (Submit analysis)  
WAS DST RUN? NO ☒ YES ☐ (Submit report)  
DIRECTIONAL SURVEY? NO ☐ YES ☒ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
12 1/4	8 5/8 155	24	0	500		Poz 108	20	0	0
7 7/8	4 1/2 155	10.50	0	3,000		G 999	110	280 (cal)	0

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8	2,157	2,137						

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Wasatch	2,144	2,159	2,144	2,159	2,144 2,159		90	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:

☒ ELECTRICAL MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☒ DIRECTIONAL SURVEY  
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENTIFICATION ☐ CORE ANALYSIS ☐ OTHER: \_\_\_\_\_

30. WELL STATUS:

Producing

MAY 04 2001

(CONTINUED ON BACK)

(5/2000)

DIVISION OF  
OIL, GAS AND MINING

**INTERVAL B (As shown in item #26)**

**INTERVAL C (As shown in item #26)**

**INTERVAL D (As shown in item #26)**

### 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

### 33. SUMMARY OF POROUS ZONES (Include Aquifers):

34. FORMATION (Log) MARKERS:

35. ADDITIONAL REMARKS (Include plugging procedure)

DATE \_\_\_\_\_

- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond data (CBL), temperature survey (TS)).

(5/2000)

RECEIVED

JUN 12 2001

DIVISION OF  
OIL, GAS AND MINING

**RIGHT-OF-WAY AND SURFACE DAMAGE AGREEMENT  
LETTER AGREEMENT**

THIS AGREEMENT is made and entered into by and between HUNTFORD RESOURCES CORPORATION (HUNTFORD), 14550 East Easter Ave., Ste 1000, Englewood, CO 80112, and Cliffs Synfuel Corp. (Cliffs), P. O. Box 1211, Rifle, Colorado 81650 (hereinafter referred to as "Grantor") for a period of three years from July 1<sup>st</sup>, 2001. The purpose of this agreement is to standardize the terms and conditions of Huntford and its assignees, heirs and partners access and use of the surface owned and held by Cliffs Synfuel Corp.

WHEREAS, Grantor is the surface owner of the following lands:

Township 11 South, Range 25 East, SLM, Uintah County, Utah  
Section 2: All  
Section 3: All  
Section 4: All  
Section 5: E/2, E/2W/2  
Section 8: E/2NE/4, SE/4, E/2SW/4, NW/4SW/4  
Section 9: All  
Section 10: All  
Section 11: All  
Section 14: All  
Section 15: All  
Section 16: All  
Section 17: E/2, E/2NW/4, NE/4SW/4  
Section 21: NE/4, NE/4NW/4, N/2SE/4, SE/4SE/4  
Section 22: All  
Section 23: NW/4, N/2SW/4,  
Section 27: NE/4, E/2NW/4, NW/4NW/4  
Section 28: NE/4NE/4


(hereinafter referred to as the "Land(s)"); and

WHEREAS, HUNTFORD desires to enter onto and cross such Lands for the purpose of drilling one or more exploratory or development oil and/or gas wells on lands, located in Township 11 South, Range 25 East, Uintah County, Utah (hereinafter referred to as the "Drillsites"). The attached template in Exhibit A will be the form for the Right-of-Way and Surface Use Agreement for all Drillsites used by Huntford Resources Corp., its assignees, heirs and partners for a period of three years from the date of this Letter Agreement. This Agreement does not cover pipeline right-of-away, which is covered by a separate Agreement between Huntford Resources Corp. and Cliff Synfuel Corp. It is not intended that this letter Agreement, or individual Drillsite agreements using Exhibit A, be recorded in county records.

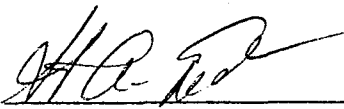
This Agreement constitutes the entire Agreement between the parties hereto as to the subject matters herein set forth and supersedes all prior written or oral agreements relative thereto. No change, modification, alteration or amendment to this Agreement shall be binding upon the parties hereto except as specifically expressed in writing and signed by each party agreeing to be bound thereby.

RIGHT-OF-WAY AND SURFACE DAMAGE AGREEMENT LETTER AGREEMENT  
SIGNATURE PAGE

CLIFFS SYNFUEL CORP.

By:   
Gary D. Aho, President

HUNTFORD RESOURCES CORP.

By:   
Steven A. Tedesco, President

## EXHIBIT A

### RIGHT-OF-WAY and SURFACE DAMAGE AGREEMENT (Huntford Resources Corporation \_\_\_\_\_)

THIS AGREEMENT is made and entered into by and between HUNTFORD RESOURCES CORPORATION (HUNTFORD), 14550 East Easter Ave., Ste 1000, Englewood, CO 80112, and Cliffs Synfuel Corporation (Cliffs), P. O. Box 1211, Rifle, Colorado 81650 (hereinafter referred to as "Grantor"), effective \_\_\_\_\_, 200 .

WHEREAS, Grantor is the surface owner of \_\_\_\_\_ quarter Section \_\_\_\_\_ Township 11 South Range 25 East, Uintah County, Utah (hereinafter referred to as the "Land(s)"); and

WHEREAS, HUNTFORD desires to enter onto and cross such Lands for the purpose of drilling an exploratory oil and/or gas well, \_\_\_\_\_ (WELL), located in the \_\_\_\_\_ quarter of the \_\_\_\_\_ quarter, Section \_\_\_\_\_ Township 11 South, Range 25 East, Uintah County, Utah (hereinafter referred to as the "Drillsite").

NOW THEREFORE, for and in consideration of the mutual promises and covenants herein contained, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

- I. HUNTFORD, shall pay Grantor the sum of \$3,000.00 up front payment for damages to surface of the Lands for road access to the Drillsite and for the Drillsite for the drilling of the WELL. Within sixty days of completion of the Well either as a producer or a plugged and abandoned well, Huntford shall survey the new access road and the Drillsite to compensate Cliffs for any additional damage that may have occurred during drilling and completion operations. Compensation will be on a \$1,500.00 per acre cost for any damages exceeding 2.0 acres and such compensation, if due, will be paid within thirty (30) days of the surveyor's report being released. Huntford shall utilize existing access routes to the maximum extent feasible, so as to minimize surface disturbances for access to facilities.
- II. HUNTFORD and their assigns or agents shall have the right to use a reasonable amount of access road across the Lands and shall have the right to move derricks, drilling tools, vehicles, and all other machinery and equipment necessary or incident to the re-drilling, drilling, testing completion, operation of the WELL. Such activity shall be restricted to existing public roads or access roads covered by this agreement. Any roads or surface facilities may be relocated at Cliffs' expense if needed due to oil shale mining or processing in the future.
- III. This Agreement and the rights granted herein are effective and shall continue in full force and effect so long as operations are conducted on the WELL. Upon execution of this Agreement, all payments due hereunder shall be paid concurrently. Operations are defined under terms of the oil and gas lease with Cliffs as taken by Contex Energy, which is Huntford's land agent and acquisition company, and under the Rules and Regulations defined by the State of Utah.
- IV. Cattle guards or gates will be constructed, if requested by Grantor, at all places where the openings go through the existing fences and gates will be kept closed at all times except when opened for passage of traffic. Also, gates shall be installed to limit access to producing wells on roads constructed by Huntford, if by mutual agreement between Huntford and Cliffs.
- V. If there is any fill used for roads constructed across any drainage, then culverts will be used for

the free flow of water through said drainage.

- VI. If the access road departs from existing established roadways and new construction is required, topsoil will be segregated and stockpiled for replacement during reclamation activities.
- VII. It is understood that any road constructed across the said Lands shall not exceed 30 feet in total width, including the total disturbed area between the outside of each berm, without the prior approval of Grantor.
- VIII. Upon completion of the WELL as a dry hole and the subsequent abandonment thereof, and at the request of the Grantor, any drill pads and newly constructed road will be restored and seeded within 180 days to the condition it was in prior to commencement of operations insofar as reasonably possible. Any preexisting roads, and the improvements thereto, which are constructed by HUNTFORD, shall be left in a good and usable condition for the continued use by Grantor. Reclaimed areas will be reseeded with a wildlife mixture approved by the Utah Division of Wildlife.
- IX. In the event that the WELL is completed as a producer of oil and/ or gas, HUNTFORD shall build and maintain a permanent access road in conformance with the already established county road including any variances granted by the county for existing roads to the Drillsite. Disturbed areas not used for production will be regraded and seeded with an approved wildlife seed mix within 90 days unless prohibited by weather.
- X. Upon completion of the WELL as a well capable of oil and/or gas production, this Agreement shall continue in full force and effect and HUNTFORD shall pay in advance to Grantor an annual access rental of two hundred dollars (\$200) per pad and \$200 per acre of roadway (30-foot width), or a minimum of \$500 to include the pad and roadway for each well, whichever is greater, on or before January 31<sup>st</sup> of each year thereafter until the subject well is plugged and abandoned and operations cease thereon.
- XI. It is expressly understood that the settlement amounts in paragraph I are only for construction of a road and drilling location and is not a settlement for any damages to contiguous property, personal property of the Grantor or a release of any personal injuries that may be sustained by reason of the operations carried on by Huntford or its agents.
- XII. This Agreement does not cover pipeline easements and Huntford acknowledges that it must secure a separate agreement prior to laying pipeline related to production of gas or oil on Cliffs' lands.
- XIII. This Agreement shall not be assigned, nor the rights hereunder transferred in any manner without the prior written consent of Grantor, which consent shall not be unreasonably withheld.
- XIV. HUNTFORD shall comply at its own expense with the Workman's Compensation Law of the State of Utah and shall maintain such insurance throughout the duration of this Agreement, and shall furnish Grantor prior to beginning work on the Lands evidence of such insurance and at each policy period thereafter renewal evidence that such insurance is being maintained. HUNTFORD, with respect to its operation in connection with this Agreement, shall also purchase or provide for (1) comprehensive general public liability insurance with a combined single limit not less than One Million Dollars (\$1,000,000) for bodily injury and property damage; and (ii) automobile insurance with a combined single limit of not less than One Million Dollars (\$1,000,000) for bodily injury and property damage. At Grantor's request, HUNTFORD shall furnish Grantor with a certificate or certificates of insurance secured and maintained hereunder and Grantor shall be an additional insured thereon.

- XV. In the event any person or entity (including Grantor) suffers a loss of any kind or character, or death or injury, (1) as a result of a breach of this Agreement by HUNTFORD, or its agents, contractors, or employees, or (2) as a result of HUNTFORD or its agents, contractors, or employees performing on the Drillsite or elsewhere, any action, directly or indirectly, in furtherance of a right hereunder, or (3) from any cause whatsoever while being on the Lands and the Drillsite to conduct any work or service for HUNTFORD, HUNTFORD shall reimburse, indemnify defend and hold harmless Grantor for any and all losses, costs, claims, liability, litigation, demands, damages and expenses (including all attorney fees) of every kind or character which Grantor may suffer or be subject to as a result of said loss or injury whether or not such losses, costs, claims, liabilities, litigation, demands, damages, and expenses (including all attorney fees) result from the condition of Grantor's premises or facilities, unless through the sole negligence of Grantor or its agents.
- XVI. HUNTFORD shall provide Grantor with not less than forty-eight (48) hours advance notice, either by phone, mail or in person, of HUNTFORD's intent to enter upon the Land for the purpose of commencing operations thereon. HUNTFORD shall conduct its operations in such a manner as to use no more Land than is reasonably necessary and shall use all reasonable efforts not to interfere with the use of the Land by the Permittee in that certain Consolidated Grazing Permit dated January 1, 1998 by and between Grantor, as Owner, and O. S. Wyatt, Jr., as Permittee, or the rights of subsequent grazing permittees. All drilling fluid pits shall be fenced within ten days of end of drilling the WELL as a producer or dry hole and then the pits will be reclaimed and reseeded within 180 days of the completion of the well as a producer or dry hole. Surface structures shall be fenced, if they represent a potential hazard to livestock, by mutual agreement between HUNTFORD and Cliffs. The type of fencing to be mutually agreed upon by HUNTFORD and Cliffs. HUNTFORD will have ten days to effect repairs or problems with fences when notified by e-mail or in writing by Cliffs. HUNTFORD can request an extension of the closure of pits beyond the 180 days from the completion of the WELL if closing the pits represents a potential hazard or closing the pits at that time will not comply with the State of Utah's reclamation requirements and pit closure requirements. An extension will not be unreasonably withheld.
- XVII. HUNTFORD shall have the right at any time, and from time to time, to remove any or all property, fixtures, equipment and materials, placed by HUNTFORD on the Land, including the right to draw and remove casing. Within 90 days after plugging of the WELL this Agreement will expire and, HUNTFORD shall remove all remaining property, fixtures, equipment and materials that were placed by HUNTFORD on the Land. Such removal shall be accomplished at HUNTFORD's sole cost, risk, and expense. If such items are not removed within 90 days, Grantor shall have the right to remove those items from the Land and bill the associated cost for such removal to HUNTFORD.
- XVIII. This agreement restricts the HUNTFORD's use of Grantor's lands to the sole purpose of exploration and production of oil and/or gas at this specific site. It does not grant HUNTFORD, its contractors, or its agents the right to use the Grantor's property for any other purpose.
- XIX. All operations of HUNTFORD hereunder which involve drilling for and producing of oil and gas, or both, or the cessation, or abandonment, of its operations shall be conducted in a good and workmanlike manner and in accordance with standard oil field practices and in accordance with all applicable federal, state and local statutes and regulations including specifically, but not by way of limitation, such laws and regulations governing the operation, maintenance and

reclamation of well sites, pipelines, tank batteries, and other related facilities as may be utilized by HUNTFORD and its operations hereunder. HUNTFORD shall further adhere to and abide by all federal, state and local environmental statutes and regulations addressing air, water, and solid waste pollution and the handling storage, storage, use and disposal of hazardous substances as prescribed in The Comprehensive Environmental Response, Compensation and Liability Act of 1980, 42 U.S.C. & 9601, et seq. (CERCLA). HUNTFORD shall provide Grantor with copies of all applications for environmental permits, notices of violation or alleged violations of any environmental laws, governmental requests for any information pertaining to environmental issues relating to the Land or products produced therefrom or HUNTFORD's use thereof, copies of any responses from HUNTFORD's to said requests, and any environmental investigations, reports, or studies involving the Land or products produced therefrom or the use thereof by HUNTFORD which, from time to time, may be obtained by HUNTFORD.

- XX. HUNTFORD also agrees to abide by the laws or regulations of the State of Utah designed to protect either coal seams or oil shale deposits, including but not limited to those specific rules set forth in the General Rules and Regulations of the Utah Board of Oil, Gas and Mining, as amended, pertaining to such matters. HUNTFORD acknowledges that the Land under this agreement was designated as an "Oil Shale Area" on August 22, 1985, amended in May of 2001, and HUNTFORD hereby agrees to follow the Board's procedure for wells drilled in designated "Oil Shale Areas" as set forth in the aforementioned General Rules and Regulations as amended in 2001.
- XXI. The provisions hereof shall be considered as covenants running with the Land during the life of the Agreement and all modifications thereof, and any assignment of the Agreement shall be subject to the provisions thereof.
- XXII. This Agreement constitutes the entire Agreement between the parties hereto as to the subject matters herein set forth and supersedes all prior written or oral agreements relative thereto except for said LETTER AGREEMENT entitled GENERAL RIGHT-OF-WAY and SURFACE DAMAGE AGREEMENT entered into and signed between Huntford Resources Corporation and Cliffs Synfuels Corporation dated July 1<sup>st</sup>, 2001 as this agreement will be subordinate to that said agreement. No change, modification, alteration or amendment to this Agreement shall be binding upon the parties hereto except as specifically expressed in writing and signed by each party agreeing to be bound thereby.

CLIFFS SYNFUEL CORP.

By: \_\_\_\_\_  
Gary D. Aho, President

HUNTFORD RESOURCES CORP.

By: \_\_\_\_\_  
Steven A. Tedesco, President

## WELL DATA

## WELL SEARCH

## WELL DATA

## WELL HISTORY

## WELL ACTIVITY

WELL NAME QUEST 16-21

API NUMBER 4304733805

WELL TYPE GW

WELL STATUS P

OPERATOR HUNTFORD RESOURCES CORP

ACCOUNT N1405

ALT. ADDRESS FLAG #

FIRST PRODUCTION 2 1 2001

FIELD NAME WILDCAT

FIELD NUMBER 1

LA/PA DATE

## WELL LOCATION:

SURF LOCATION 0420 FSL 0460 FEL

Q. S. T. R. M. SESE 21 11.0 S 25.0 E S

COUNTY UINTAH

## UTM Coordinates:

SURFACE - N 4411715.00

SURFACE - E 661233.00

BHL - N

BHL - E

CONFIDENTIAL FLAG C

CONFIDENTIAL DATE 4 7 2002

DIRECTIONAL | HORIZONTAL

HORIZONTAL LATERALS

FIELD TYPE W

WILDCAT TAX FLAG

CB-METHANE FLAG

ELEVATION 5650 GR

BOND NUMBER 0621469550

BOND TYPE 4

LEASE NUMBER FEE

MINERAL LEASE TYPE 4

SURFACE OWNER TYPE 4

INDIAN TRIBE

C.A. NUMBER

UNIT NAME

## CUMULATIVE PRODUCTION:

OIL

GAS

WATER

COMMENTS 010129 REQ CONF:010403 ENTITY ADDED:010830 RECD SURF AGREE:

Create New Rec

Save

Cancel Change

To History

To Activity

Print Recd

Export Recd



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: Huntford Resources Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 14550 E. Eastern Ave., Englewood, CO 80112		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL SEE ATTACHMENT		8. WELL NAME and NUMBER:
FOOTAGES AT SURFACE: _____		9. API NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		10. FIELD AND POOL, OR WILDCAT:
COUNTY: Uintah		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE	
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Huntford Resources Corporation agrees to relinquish its holdings to the above referenced wells in Uintah County, Utah to TCC ROYALTY CORPORATION and hereby names TCC ROYALTY CORPORATION as OPERATOR. HUNTFORD RESOURCES CORPORATION further acknowledges that a bond of \$80,000.00 in the form of a CD 0621469550 is being held by the Director of Oil, Gas and Mining as Agent of the State of Utah and agrees to internally transfer this bond into TCC Royalty's name as collateral and held by the State of Utah.

TCC ROYALTY CORP.

Name: <u>CHRISTINE Tedesco</u>	Title: <u>President</u>
Signature: <u>[Signature]</u>	Date: <u>12/19/01</u>
<hr/>	
HUNTFORD RESOURCES NAME (PLEASE PRINT) <u>Steven A. Tedesco</u>	TITLE <u>President</u>
SIGNATURE <u>[Signature]</u>	DATE <u>12/19/01</u>

(This space for State use only)

**RECEIVED**

(5/2000)

(See Instructions on Reverse Side)

DEC 24 2001

DIVISION OF  
OIL, GAS AND MINING

List of Wells being transferred from Huntford Resources Corporation to TCC Royalty Corporation.

API No.	Well Name	Location
43-047-34118	\ Quest 14-10	718 FSL 1854 FWL Section 10 T11S R25E
43-047-34119	\ Quest 16-10	740 FSL 662 FEL Section 10 T11S R25E
43-047-34116	\ Quest 6-15	1989 FNL 1939 FWL Section 15 T11S R25E
43-047-34117	\ Quest 8-15	1986 FNL 735 FEL Section 15 T11S R25E
43-047-33805	\ Quest 16-21	420 FSL 460 FEL Section 21 T11S R25E
43-047-33804	\ Quest 10-22	Nw Se Section 22 T11S R25E
43-047-33806	\ Quest 16-22	Se Se Section 22 T11S R25E
43-047-33693	\ Quest 22-1	560 FSL 1712 FWL Section 22 T11S R25E
43-047-33801	\ Quest 4-28	577 FNL 1014 FWL Section 28 T11S R25E
43-047-33803	\ Quest 6-28	1720 FNL 1980 FWL Section 28 T11S R25E

**OPERATOR CHANGE WORKSHEET****ROUTING**

1. GLH		4-KAS
2. CDW	<input checked="" type="checkbox"/>	5-LP
3. JLT		6-FILE

Enter date after each listed item is completed

**X Change of Operator (Well Sold)**

Designation of Agent

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **12-19-2001**

<b>FROM:</b> (Old Operator):
HUNTFORD RESOURCES CORPORATION
Address: 14550 E. EASTER AVE
ENGLEWOOD, CO 80112
Phone: 1-(303)-617-7242
Account N1405

<b>TO:</b> ( New Operator):
TCC ROYALTY CORPORATION
Address: 14550 E. EASTER AVE
ENGLEWOOD, CO 80112
Phone: 1-(303)-617-7242
Account N1995

CA No.

Unit:

**WELL(S)**

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
QUEST 14-10	43-047-34118	13268	10-11S-25E	FEE	GW	DRL
QUEST 16-10	43-047-34119	99999	10-11S-25E	FEE	GW	APD
QUEST 6-15	43-047-34116	99999	15-11S-25E	FEE	GW	APD
QUEST 8-15	43-047-34117	99999	15-11S-25E	FEE	GW	APD
QUEST 16-21	43-047-33805	13088	21-11S-25E	FEE	GW	P
QUEST 10-22	43-047-33804	99999	22-11S-25E	FEE	GW	NEW
QUEST 16-22	43-047-33806	99999	22-11S-25E	FEE	GW	NEW
QUEST 22-1	43-047-33693	12998	22-11S-25E	FEE	GW	P
QUEST 4-28	43-047-33801	99999	28-11S-25E	FEE	GW	APD
QUEST 6-28	43-047-33803	13089	28-11S-25E	FEE	GW	P

**OPERATOR CHANGES DOCUMENTATION**

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12/24/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 12/24/2001

3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 12/26/2001

4. Is the new operator registered in the State of Utah: YES Business Number: 4817842-0143

5. If **NO**, the operator was contacted on: N/A

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change) for all wells listed on Federal or Indian leases on: N/A

7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A

8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

#### **DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 12/26/2001

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 12/26/2001

3. Bond information entered in RBDMS on: 12/26/2001

4. Fee wells attached to bond in RBDMS on: 12/26/2001

#### **STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: N/A

#### **INDIAN BOND VERIFICATION:**

1. Indian well(s) covered by Bond No.: N/A

#### **FEDERAL BOND VERIFICATION:**

1. Federal well(s) covered by Bond No.: N/A

#### **FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: 621469550

2. The **FORMER** operator has requested a release of liability from their bond on: SEE COMMENTS  
The Division sent response by letter on: N/A

3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 12/26/2001

**COMMENTS:** Huntford Resources Corp Certificate of Deposit was transferred to TCC Royalty Corp. See bond file.

TCG Royalty Corporation  
14550 East Easter Ave., Ste 1000  
Commerical, CO 80112  
303 617-7242  
303 617-7442 (Fax)

.....  
**facsimile transmittal**

To:	Dustin	Fax:	801 359 3940
From:	Steve Tedesco	Date:	4/30/2004
Re:	Form 9 and attachments for Quest 16- Pages: 5 including cover 12		
CC:			
<input type="checkbox"/> Urgent <input checked="" type="checkbox"/> For Review <input type="checkbox"/> Please Comment <input type="checkbox"/> Please Reply <input type="checkbox"/> Please Recycle			
.....			
.....			
.....			

Dustin

Please find attached Form 9 and attachments for the Quest 16-21. All of the zones being tested are adjacent Wasatch sands to the presently producing one which is now not producing and depleted. Let me know if you have any questions. Thanks.

Steve

RECEIVED  
APR 30 2004  
DIV. OF OIL, GAS & MINING

RECEIVED  
APR 30 2004  
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

FORM 9

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS AND MINING**

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal systems. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		6. LEASE DESIGNATION AND SERIAL NUMBER Fee
2. NAME OF OPERATOR: TCC Royalty Corp.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA
3. ADDRESS OF OPERATOR: 14550 E Easter #1000 CITY Centennial STATE CO ZIP 80112		7. UNIT or CA AGREEMENT NAME: NA
4. LOCATION OF WELL FOOTAGES AT SURFACE 420 FSL 460 FEL		8. WELL NAME and NUMBER: Quest 16-21
5. PHONE NUMBER: (303) 617-7242		9. API NUMBER: 43047865-33805
10. FIELD AND POOL, OR WILDCAT: Kicker		
CITY, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWS 21 11 25 E		COUNTY: Uintah
		STATE: UTAH

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Perforate other zones in the Wasatch Formation, see attached proposed work

COPY SENT TO OPERATOR  
 Date: 6-5-04  
 Initials: LHD

NAME (PLEASE PRINT) Steven A. tedesco

TITLE Vice President

SIGNATURE

DATE 4/30/2004

(This space for State use only)

(5/2000)

APPROVED BY THE STATE  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING  
 DATE: 5/10/04  
 BY: [Signature]

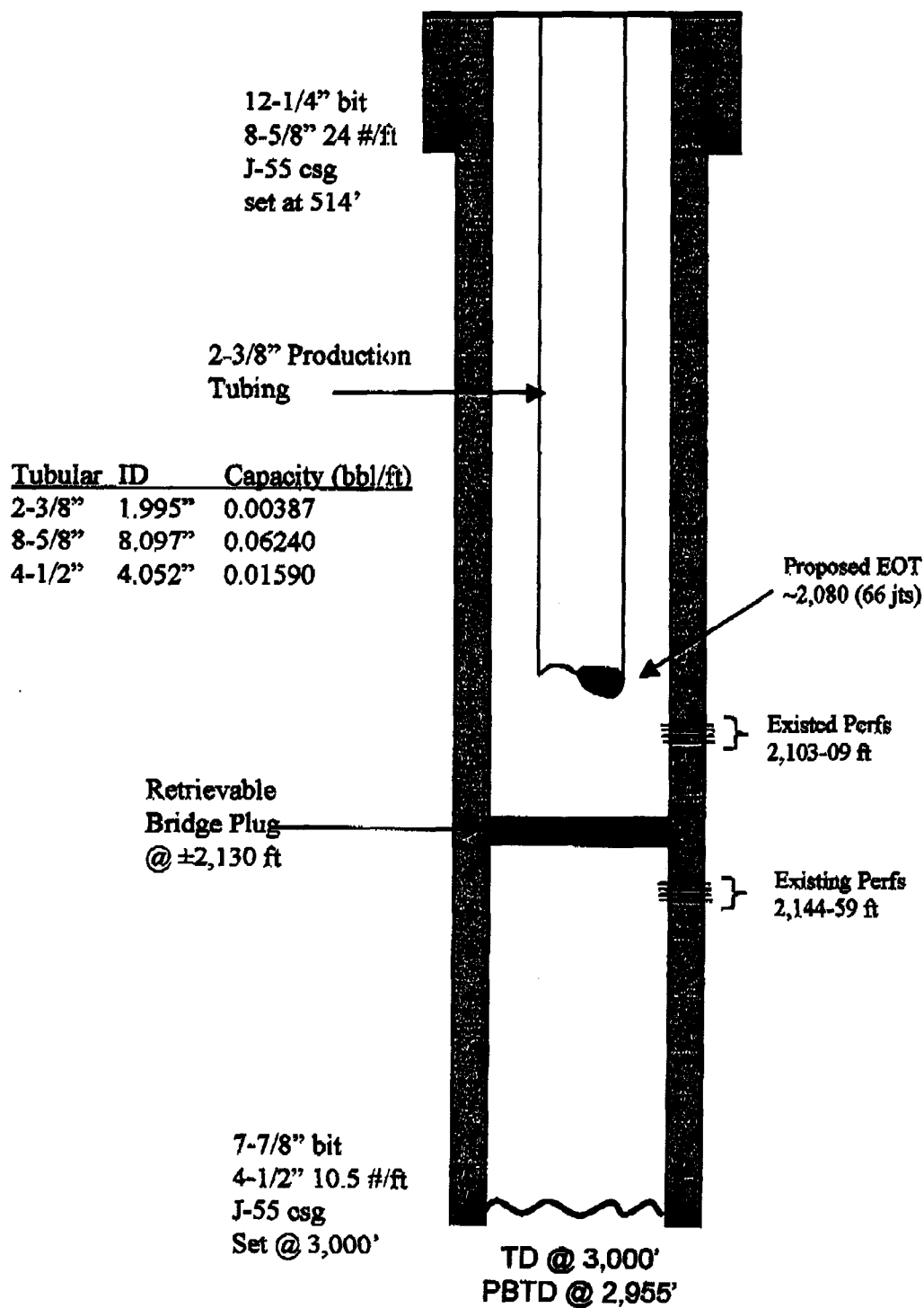
**Quest #16-21****Section 21, T11S, R25E**

Latitude: 39.8420 / Longitude: 109.1156

Uintah County, Utah

API: 43-047-33805

GL: 5590' KB: 14'



**Quest #16-21**  
**Wasatch Sand Recompletion Procedure**  
Section 221, T11S, R25E  
Uintah County, Utah  
Lat: 39.8420 / Long: 109.1156  
4/9/04

**Summary**

The Quest #16-21 was drilled in January 2001, as a Wasatch formation gas producing well. The interval currently producing, 2,144 ft to 2,159 ft, provided a very good gas kick while drilling the well. This interval was perforated and produced naturally. The well has produced over 305 MMcf and from P/Z analysis, slightly over 32 MMcf remains to be produced from the current producing interval. In this workover, a second interval previously perforated from 2,103 ft to 2,109 ft will be broken down and flow tested to ascertain its productive potential. Should this interval provide commercial gas production, the well will be turned into the sales line. Should the interval prove to not be commercial, the decision to return the original interval to production and/or plug and abandonment will be reviewed.

**Overview**

The purpose of this procedure is to flow test a single perforated Wasatch sand interval identified with cased hole neutron log analysis. The interval will be broken down with 5% KCl and possibly hydraulic fracture stimulated. Should stimulation be required, 65-quality nitrogen foam fluid injected at +/- 16 bpm (downhole rates) carrying +/- 20,000 lbs of 16/30-mesh ceramic proppant will be applied.

A morning report should be prepared for transmittal each evening. Both Steve Tedesco and Trent Green should receive these reports.

**Procedure**

1. MIRU daylight workover rig. NU & test BOP. Kill well with 5% KCl if necessary.
2. TOH and stand back 2-3/8" tubing.
3. PU and TIH with retrievable bridge plug and retrievable packer for 4-1/2" 10.5 lb/ft casing tandem assembly. Set the bridge plug at  $\pm 2,130$  ft (do not set in a casing collar). Release off the bridge plug and pull the packer up to  $\pm 2,090$  ft.
4. Break circulation and displace hole with 5% KCl water (if not already full of 5% KCl). Set retrievable packer.
5. MIRU a service company pump truck capable of recording injection rate and pressure, breakdown perforations from 2,102 ft to 2,109 ft and establish injection with 5% KCl. Do not exceed a maximum injection rate of 8 bpm or 3,500 psi surface injection pressure. Pump a total of 450 bbls of 5% KCl.
6. RDMO pumping company and flow/swab well to initiate natural flow. Swab the 5% KCl back to a separate tank for reuse.
7. Should the well fail to produce following the 450 bbl breakdown, a hydraulic fracture stimulation treatment may be designed and pumped. A procedure under separate cover will be used for the hydraulic fracture stimulation treatment if required.
8. Evaluate the inflow potential from the interval 2,102 ft to 2,109 ft. Proceed to next step following decision of the technical committee.
9. Following testing of all intervals of interest and not achieving commercial gas production from any interval, the technical committee will then review the wellbore and a decision as how to proceed will be forthcoming.

*[Signatures on following page]*

Last Updated: 4/9/2004 3:58.38 PM

**Quest #16-21**  
**Wasatch Sand Recompletion Procedure**  
Section 221, T11S, R25E  
Uintah County, Utah  
**Lat: 39.8420 / Long: 109.1156**  
**4/9/04**

Procedure Prepared by: Trent W. Green April 9, 2004

Approved by: \_\_\_\_\_ Steve Tedesco \_\_\_\_\_ Date

Last Updated: 4/9/2004 3:58:38 PM

TCC Royalty Corporation  
14550 East Easter Ave., Ste 1000  
Centennial, CO 80112  
303 617-7242  
303 617-7442 (Fax)

.....

**facsimile transmittal**

To: Dustin Fax: 801 359 3940

From: Steve Tedesco Date: 4/30/2004

Re: Form 9 and attachments for Quest 1-22 Pages: 5 including cover

CC:

☐ Urgent ☒ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

.....

Dustin

Please find attached Form 9 and attachments for the Quest 1-22. All of the zones being tested are adjacent Wasatch sands to the presently producing one which is now not producing and depleted. Let me know if you have any questions. Thanks.

Steve

RECEIVED

APR 30 2004

DIV. OF OIL, GAS & MINING

**CONFIDENTIAL**

.....

FORM 9

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal intervals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
2. NAME OF OPERATOR: TCC Royalty Corp.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
3. ADDRESS OF OPERATOR: 14560 E Easter #1000 city Centennial STATE CO ZIP 80112		7. UNIT or CA AGREEMENT NAME: NA
4. LOCATION OF WELL FOOTAGES AT SURFACE: 550 FSL 1712 FWL		8. WELL NAME and NUMBER: Quest 1-22 22-1
CITY/CTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 22 11 25 E		9. API NUMBER: 430470587 33693
COUNTY: Utah		10. FIELD AND POOL, OR WILDCAT: Kicker
STATE: UTAH		

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Perforate other zones in the Wasatch Formation, see attached proposed work

COPY SENT TO OPERATOR

Date: 5-3-04  
Initials: CHD

NAME (PLEASE PRINT) Steven A. Tolson TITLE Vice President  
SIGNATURE [Signature] DATE 4/30/04

(This space for State use only)

(3/2000)

(See Instructions on Reverse Side)

**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**  
DATE: 4/30/04  
BY: [Signature]

**Quest #1-22**  
**Mesaverde Sand Recompletion Procedure**  
 Section 22, T11S, R25E  
 Uintah County, Utah  
 Lat: 39.8419 / Long: 109.1071  
 04/8/04

**Summary**

The Quest #1-22 was drilled in January 2001, as a Mesaverde and Wasatch formation gas well. Multiple intervals were perforated and tested with the zone from 1,999 ft to 2,010 ft proving to be commercially productive following hydraulic fracture stimulation. In this workover, additional intervals will be perforated and flow tested to ascertain their productive potential. Should these intervals provide commercial gas production, the well turned into the sales line. Should no intervals be commercial, the decision to plug and abandoned will be reviewed.

**Overview**

The purpose of this procedure is to flow test one previously perforated but untested Mesaverde sand interval then perforate and flow test a second Mesaverde sand interval that was identified with cased hole neutron log analysis. Should natural flow not be achieved, the interval(s) will be broken down with 5% KCl and possibly hydraulic fracture stimulated. Should stimulation be required, 65-quality nitrogen foam fluid injected at +/- 12 bpm (downhole rates) carrying +/- 10,000 lbs of 16/30-mesh ceramic proppant will be applied.

*Wasatch*

*Per Steve Tedesco  
4/30/04 DND*

A morning report should be prepared for transmittal each evening. Both Steve Tedesco and Trent Green should receive these reports.

**Procedure**

1. MIRU daylight workover rig. NU & test BOP.
2. Pickup and TIH with a retrievable bridge plug retrieving head. Retrieve the plug set at  $\pm 2,050$  ft. TOH with plug.
3. PU and TIH with retrievable bridge plug and retrievable packer for 4-1/2" 10.5 lb/ft casing tandem assembly. Set the bridge plug at  $\pm 2,295$  ft (do not set in a casing collar). Release off the bridge plug and pull the packer up to  $\pm 2,160$  ft.
4. Break circulation and displace hole with 5% KCl water. Set retrievable packer.
5. MIRU a service company pump truck capable of recording injection rate and pressure, breakdown perforations from 2,174 to 2,184 ft and establish injection with 5% KCl. Do not exceed a maximum injection rate of 8 bpm or 4,500 psi surface injection pressure. Pump a total of 450 bbls of 5% KCl.
6. RDMO pumping company and flow/swab well to initiate natural flow. Swab the 5% KCl back to a separate tank for reuse.
7. Should the well fail to produce following the 450 bbl breakdown, a hydraulic fracture stimulation treatment may be designed and pumped. A procedure under separate cover will be used for the hydraulic fracture stimulation treatment should it be required.
8. Evaluate the inflow potential from the interval 2,174 to 2,184 ft. Proceed to next step following decision of the technical committee.
9. Release retrievable packer and TIH to release the bridge plug at  $\pm 2,295$  ft. TOH with tubing and bottom hole assembly.
10. MIRU wireline unit to perforate interval from 1,925 to 1,930 ft. Correlate to open hole logs dated 12/24/2000. PU and TIH with casing gun loaded with 4 or 6 SPF 60° phased perforating gun. A lubricator will be necessary as this well is capable of flowing following perforating.
11. Perforate 1,925 ft to 1,930 ft (5 ft). TOH with perforating gun. SI well and RDMO wireline unit.
12. PU and TIH with retrievable bridge plug and set at  $\pm 1,980$  ft (do not set in a casing collar). TOH with the tubing and setting tool.
13. TIH with a retrievable packer for 4-1/2" 10.5 lb/ft casing  $\pm 1,900$  ft.

**Quest #1-22**  
**Mesaverde Sand Recompletion Procedure**  
Section 22, T11S, R25E  
Uintah County, Utah  
Lat: 39.8419 / Long: 109.1071  
04/8/04

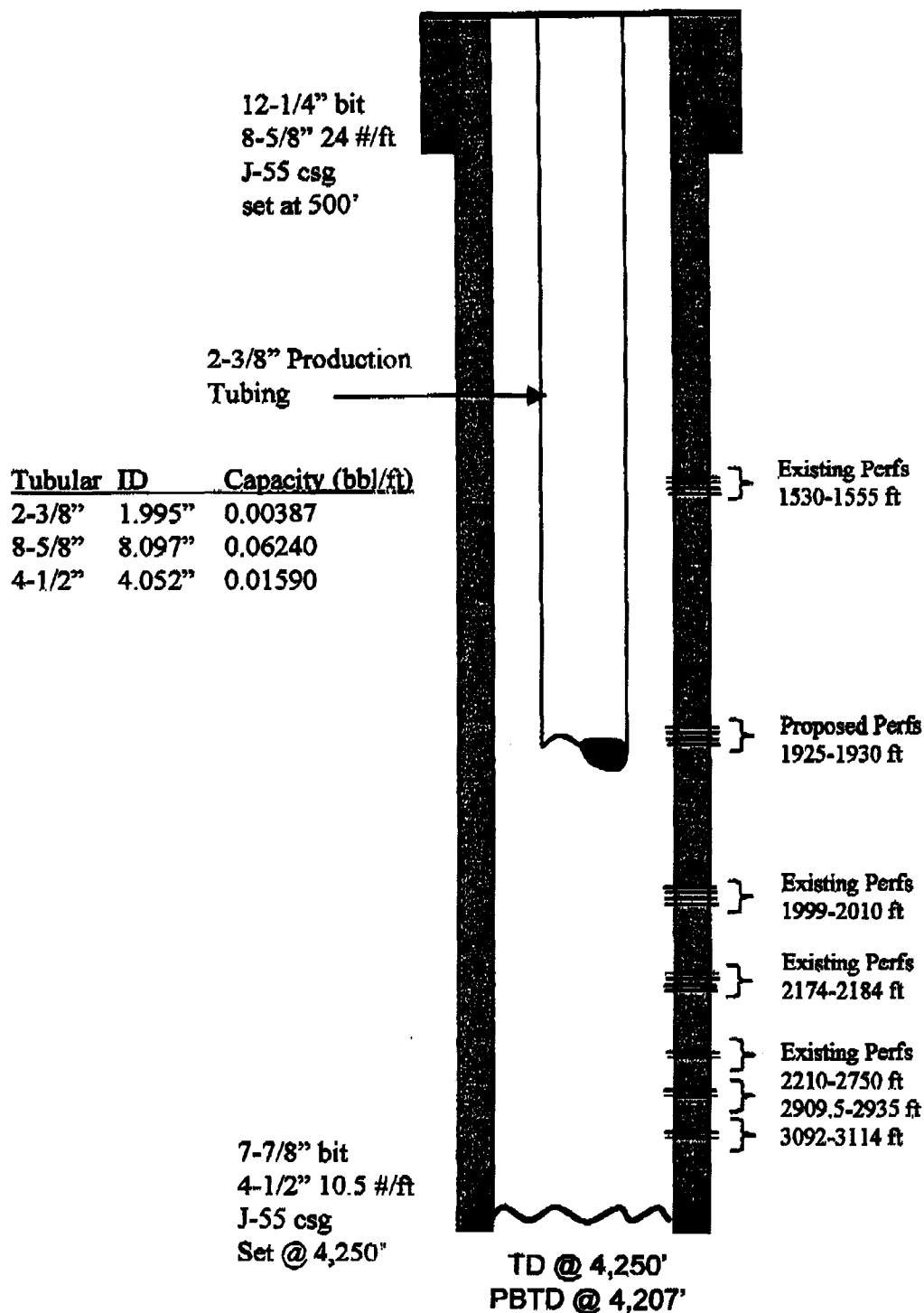
14. Break circulation and displace hole with 5% KCl water (if not already full of 5% KCl). Set retrievable packer.
15. MIRU a service company pump truck capable of recording injection rate and pressure, breakdown perforations from 1,925 to 1,930 ft and establish injection with 5% KCl. Do not exceed a maximum injection rate of 8 bpm or 3,000 psi surface injection pressure. Pump a total of 450 bbls of 5% KCl.
16. RDMO pumping company and flow/swab well to initiate natural flow. Swab the 5% KCl back to a separate tank for reuse.
17. Should the well fail to produce following the 450 bbl breakdown, a hydraulic fracture stimulation treatment may be designed and pumped. A procedure under separate cover will be used for the hydraulic fracture stimulation treatment if required.
18. Evaluate the inflow potential from the interval 1,925 to 1,930 ft. Proceed to next step following decision of the technical committee.
19. Following testing of all intervals of interest and not achieving commercial gas production from any interval, the technical committee will then review the wellbore and a decision as how to proceed will be forthcoming.

Procedure Prepared by: Trent W. Green April 8, 2004

Approved by: \_\_\_\_\_ Steve Tedesco \_\_\_\_\_ Date

**Quest #1-22**

**Section 22, T11S, R25E**  
**Latitude: 39.8419 / Longitude: 109.1071**  
**Uintah County, Utah**  
**API: 43-047-33693**  
**GL: 5590' KB: 14'**



*mesaverde  
wet  
squeezed*

# TCC ROYALTY CORPORATION

August 11, 2004

Ms. Carol Daniels  
State of Utah  
Division Oil, Gas & Mining  
P.O. Box 145801  
Salt Lake City, UT 84114-5801

RE: Quest 16-21 API No. 4304733805 - *THIS RASE SEC-21*  
Quest 1-22 API No. 4304700587  
Quest 12-21 API No. 4304733935

SENT FEDEX

Dear Carol:

Please find enclosed cased hole logs for the above captioned wells. I do not believe any of these wells are under confidential status.

Please let me know if you have any questions. Thank you.

Sincerely,



Steven A. Tedesco

SAT\kwt  
Enclosures

14550 East Easter Ave., Ste 1000  
Englewood, CO 80112  
(303) 617-7242 (303) 617 7442

RECEIVED  
AUG 13 2004  
GAS & MINING

TCC Royalty Corporation  
14550 East Easter Ave., Ste 1000  
Centennial, CO 80112  
303 617-7242  
303 617-7442 (Fax)

.....  
**facsimile transmittal**

To:	Carol Daniels	Fax:	801 359 3940
From:	Steve Tedesco	Date:	10/10/2004
Re:		Pages:	8 including cover
CC:			
<input type="checkbox"/> Urgent <input checked="" type="checkbox"/> For Review <input type="checkbox"/> Please Comment <input type="checkbox"/> Please Reply <input type="checkbox"/> Please Recycle			
.....			
.....			

Carol

Please find enclosed updates on the Quest 4-27, Quest 16-21, Quest 1-22, Quest 14-10, Quest 2-28 and Quest 15-21L. Sorry these are late but I have been out of the country for some time. Let me know if you have any questions. Thanks.

Steve

RECEIVED

OCT 12 2004

DIV. OF OIL, GAS & MINING

**CONFIDENTIAL**  
.....

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 0

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal interests. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
2. NAME OF OPERATOR: TCC Royalty Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 14550 East Easter Ave 1000 CITY: Centennial STATE: CO ZIP: 80112		7. UNIT or CA AGREEMENT NAME: N/A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 420 FSL 460 FEL		8. WELL NAME and NUMBER: Quest 16-21
CTRQTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: S4S4 21 11 25 E		9. API NUMBER: 4304733805
COUNTY: Utah		10. FIELD AND POOL, OR WILDCAT: Kicker
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input checked="" type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 9/24/2004	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Fractured with sand and fluid zone from 202 to 2106, see attached report. Swabbing unit arrived on Friday and set to begin swabbing back fluid from the Quest 1-22 on Monday October 11, 2004. Will move to this well when done.

NAME (PLEASE PRINT) Steven A. Tedesco

TITLE Vice President

SIGNATURE

DATE 10/10/2004

(This space for State use only)

(\$2000)

(See instructions on Reverse Side)

RECEIVED

OCT 12 2004

DIV. OF OIL, GAS &amp; MINING

## STIMULATION TREATMENT REPORT



Date 24-SEP-04 District Vernal F. Receipt 1001164245 Customer TCC Royalty Corp  
 Lease QUEST 16-21 Well Name QUEST 16-21  
 Field UNNAMED Location 21-11S-25E  
 County Utah State Utah Stage No. 1 Well API - API 43047338050000

**WELL DATA** Well Type: OLD Well Class: GAS Depth TD/PS: 3000 Formation: WASATCH  
 Geometry Type Tubular Type OD Weight ID Grade Top Bottom  
 TUBULAR CSG 4.5 11.6 4 J-55 0 3000 Top Bottom SPF Diameter  
 2102 2106 4 .34

Packer Type N/A Packer Depth 0 FT

**TREATMENT DATA**

Fluid Type	Fluid Desc	Pumped Volume(Gals)	Prop. Description	Volume Pumped(Lbs)	LIQUID PUMPED AND CAPACITIES IN BBLs.
TREATMENT FLUID	Uthman 17	17,724	Sand, White, 20/40	29,704	Tubing Cap. 0
			Total Prop Qty:	29,704	Casing Cap. 32.7
					Annular Cap. 0
					Open Hole Cap. 0
					Fluid to Load 0
					Pad Volume 143
					Treating Fluid 422
					Flush 31.7
					Overflush -1
					Fluid to Recover 597

Previous Treatment N/A Previous Production N/A  
 Hole Loaded With PAD Treat Via: Tubing ☐ Casing ☒ Annul. ☐ Tubing & Annul. ☐  
 Ball Sealers: 0 In 0 Stages Type   
 Auxiliary Materials XLFC-6GBW-320 BF-7L CLAYTREAT30.BN2YME-G11.NE-040.XLW-02.MAGNACIES75

## PROCEDURE SUMMARY

Time AM/PM	Treating Pressure-Psi		Surface Slurry BBLs. Pumped		Slurry Rate BPM	Comments
	STP	Annulus	Stage	Total		
05:34	5060					TEST LINES
05:40	1775				4.3	START PAD BROKE @ 1775
05:43	1370			33	20.4	PAD ON PERFS
05:48	1540			143	20.5	START 1#
05:50	1530			176	20.3	1# ON PERFS
05:55	1780			292	20.3	START 2#
05:57	1780			325	20.2	2# ON PERFS
05:07	1890			526	20.2	START 3#
06:09	1840			559	20.1	3# ON PERFS
06:11	1850			600	20.4	START FLUSH
06:13	1800			632	0	SHUTDOWN 1.3 FG.
06:18	1700					5 MIN.
06:23	1635					10 MIN.
06:26	1590					15 MIN.

Treating Pressure	Injection Rates	Shut In Pressures	Customer Rep.
Minimum 1370	Treating Fluid 20.3	ISDP 1800	Sam Gardner
Maximum 1890	Flush 20.4	5 Min. 1700	BJ Rep. Mike Hoffeltz
Average 1630	Average 20.3	10 Min. 1635	Job Number 1001164245
Operators Max. Pressure 3000		15 Min. 1590	Rec. ID No.
		Final 1590 In 15 Min.	Distribution
		Flush Done In/Out	

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER \_\_\_\_\_

2. NAME OF OPERATOR:

TCC Royalty Corporation

N1995

3. ADDRESS OF OPERATOR:

14550 E Easter Ave., Ste 101

CITY

Denver

STATE

CO

ZIP

80202

PHONE NUMBER:

(303) 617-7242

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

S.L.B. & M.

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ NOTICE OF INTENT  
(Submit in Duplicate)

Approximate date work will start:

10/1/2005

☐ SUBSEQUENT REPORT  
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☒ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☐ OTHER: \_\_\_\_\_

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective: October 1, 2005

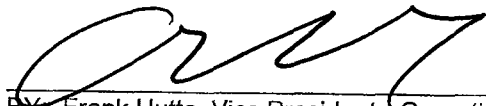
Enduring Resources, LLC  
475 17th Street, Suite 1500  
Denver, Colorado 80202

N2750

Operator No. N 2750  
Utah State Bond #RLB0008031

Contact: Frank Hutto 303-350-5102

ENDURING RESOURCES, LLC

BY:  Frank Hutto, Vice President - Operations  
ALEX CAMPBELL LAMP

DATE: 10-24-2005


NAME (PLEASE PRINT)

CHRISTINE Tedesco

TITLE

XXXXXXX

SIGNATURE



DATE

(This space for State use only)

APPROVED

10/31/05

Earlene Russell

Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(5/2000)

(See Instructions on Reverse Side)

RECEIVED

OCT 26 2005

DIV. OF OIL, GAS & MINING

## TRANSFER OF OPERATOR

From: TCC Royalty Corp. - To: Enduring Resources, LLC

	API Number	Well Name	Status	Field	County	State	Qtr-Qtr	Section	TwN-Rge
1	43-047-33935-00-00	QUEST 12-21	Shut-In	Kicker	Uintah	Utah	NWSW	21	11S-25E
2	43-047-33693-00-00	QUEST 22-1	Producing	Kicker	Uintah	Utah	SESW	22	11S-25E
3	43-047-33803-00-00	QUEST 6-28	Producing	Kicker	Uintah	Utah	SESW	28	11S-25E
4	43-047-33805-00-00	QUEST 16-21	Producing	Kicker	Uintah	Utah	SESE	21	11S-25E
5	43-047-33801-00-00	QUEST 4-28	Location Abandoned	Kicker	Uintah	Utah	NWNW	28	11S-25E
6	43-047-34118-00-00	QUEST 14-10	Drilling Operations Suspended	Wildcat	Uintah	Utah	SESW	10	11S-25E
7	43-047-35299-00-00	QUEST 13-22	Producing	Kicker	Uintah	Utah	SWSW	22	11S-25E
8	43-047-35298-00-00	QUEST 4-27	Spudded (Drilling commenced: Not yet completed)	Kicker	Uintah	Utah	NWNW	27	11S-25E
9	43-047-35310-00-00	QUEST 2-28	Drilling Operations Suspended	Kicker	Uintah	Utah	NWNE	28	11S-25E
10	43-047-35297-00-00	QUEST 15-21L	Drilling Operations Suspended	Kicker	Uintah	Utah	SWSE	21	11S-25E

**RECEIVED**

OCT 26 2005

DIV. OF OIL, GAS & MINING

### Designation of Agent/Operator

## Merger

**10/1/2005**

**TO:** ( New Operator):

**N2750-Enduring Resources, LLC**

**475 17th Street, Suite 1500**

Denver, CO 80202

**Phone: 1-(303) 350-5102**

Unit:

**WELL(S)**

[illegible]

**Enter date after each listed item is completed**

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 10/26/2005
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 10/26/2005

3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 9/29/2005
4. Is the new operator registered in the State of Utah: YES Business Number: 5771233-0161
5. If **NO**, the operator was contacted contacted on:

- 6a. (R649-9-2)Waste Management Plan has been received on: \_\_\_\_\_ Requested 9/29/05  
6b. Inspections of LA PA state/fee well sites complete on: \_\_\_\_\_ n/a

6c. Reports current for Production/Disposition & Sundries on: \_\_\_\_\_

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM n/a BIA n/a

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 10/31/2005
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 10/31/2005
3. Bond information entered in RBDMS on: 10/31/2005
4. Fee/State wells attached to bond in RBDMS on: 10/31/2005
5. Injection Projects to new operator in RBDMS on: n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: n/a

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: n/a

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number RLB0008031
2. The FORMER operator has requested a release of liability from their bond on: not yet  
The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 10/31/2005

**COMMENTS:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

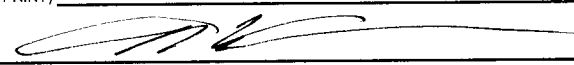
FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: N/A
2. NAME OF OPERATOR: Enduring Resources, LLC		8. WELL NAME and NUMBER: Quest 11-25-44-21
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE Co ZIP 80202		9. API NUMBER: 4304733805
4. LOCATION OF WELL FOOTAGES AT SURFACE: 420" FSL - 460' FEL S.L.B.& M. COUNTY: Uintah QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 21 11S <sup>25E</sup> <del>24E</del> S STATE: UTAH		10. FIELD AND POOL, OR WILDCAT: Kicker

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 3/16/2006	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Resumed production and gas sales on March 16-2006.

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE 	DATE <u>3/22/2006</u>

(This space for State use only)

MAR 27 2006

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> FEE
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Gas Well		<b>8. WELL NAME and NUMBER:</b> QUEST 11-25-44-21
<b>2. NAME OF OPERATOR:</b> Enduring Resources, LLC		<b>9. API NUMBER:</b> 43047338050000
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street, Suite 1500 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 350-5114 Ext	<b>9. FIELD and POOL or WILDCAT:</b> KICKER
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 0420 FSL 0460 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 21 Township: 11.0S Range: 25.0E Meridian: S		<b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 4/14/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input checked="" type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: <input style="width: 100px;" type="text"/> </div> </div>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> Upon approval from DOG&M, plan to plug well as set forth in the attached Proposed P & A Procedure.		
<div style="color: red; font-weight: bold;">             Approved by the              Utah Division of              Oil, Gas and Mining           </div> <div style="margin-top: 10px;"> <b>Date:</b> 04/13/2011  <b>By:</b> <u></u> </div>		
<b>NAME (PLEASE PRINT)</b> Alvin Arlian		<b>PHONE NUMBER</b> 303 350-5114
<b>SIGNATURE</b> N/A		<b>TITLE</b> Landman-Regulatory  <b>DATE</b> 3/28/2011



**The Utah Division of Oil, Gas, and Mining**

- State of Utah  
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43047338050000**

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations.  
Please call Dan Jarvis at 801-538-5338.**
- 2. Amend Plug #2: Plug shall be balanced from 575' to surface as required by Board  
Cause No. 190-13( $\pm$  45 sx).**
- 3. All balanced plugs shall be tagged to ensure that they are at the depth specified.**
  - 4. All annuli shall be cemented from a minimum depth of 100' to the surface.**
- 5. Surface reclamation shall be done in accordance with R649-3-34 – Well Site  
Restoration.**
- 6. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 7. If there are any changes to the procedure or the wellbore configuration, notify Dustin  
Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the  
procedure.**
- 8. All other requirements for notice and reporting in the Oil and Gas Conservation  
General Rules shall apply.**

4/5/2011

## Wellbore Diagram

r263

API Well No: 43-047-33805-00-00

Permit No:

Well Name/No: QUEST 11-25-44-21

Company Name: ENDURING RESOURCES, LLC

Location: Sec: 21 T: 11S R: 25E Spot: SESE

Coordinates: X: 661233 Y: 4411715

Field Name: KICKER

County Name: UINTAH

## String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
HOL1	500	12.25		
SURF	500	8.625	24	500
HOL2	3000	7.875		
PROD	3000	4.5	10.5	3000
T1	2157	2.375		
PKR	2137			

Capacity  
(ft/cf)

11.167

Cement from 500 ft. to surface

Surface: 8.625 in. @ 500 ft.

Hole: 12.25 in. @ 500 ft.

575' \*Amend Plug # 2

Per Cause 190-13  
Plug from shoe to surface  
(575' to surface)

575' / (1.15) (11.167) = 455x

## Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	3000	280	G	999
SURF	500	0	PC	108

## Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
2144	2159			

## Formation Information

## Formation Depth

Below (205x)(1.15)(11.167) = 256'  
BOC @ 2306'

Above (105x)(1.15)(11.167) = 128'  
TOC @ 1922' ✓ OK.

Production: 4.5 in. @ 3000 ft.

Hole: 7.875 in. @ 3000 ft.

TD: 3000 TVD: 3000 PBTD: 2954

RECEIVED Mar. 28, 2011

Page 1

**Quest #11-25-44-21 (was #16-21) Proposed P&A Procedure**

8 5/8" @ 525' TOC at Surface  
4 1/2" @ 3,000' TOC @ 64' – per CBL

Open Perfs: 2,102'-06'

Tubing 2 3/8 at 2,078' 66 jts

PBTD @ 2,122' CIBP

Prior to move in rig up, check anchors and blow down the well  
NDWH, NUBOP  
POH with tubing and check  
RIH with bit to 2,050', POH  
RIH with CICR and set at 2,050'  
Squeeze 20 sacks below and 10 on top.  
Roll hole with produced water and corrosion inhibitor  
Pressure test casing, if it fails call for orders  
POH to 575'  
Spot 20 sacks (100') across shoe  
POH to 90' circulate cement to surface  
Cut off wellhead  
RIH in 4 1/2" x 8 5/8" annulus with 1" tubing to 50'  
Circulate cement to surface  
Weld Plate  
RDMO

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
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<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street, Suite 1500 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> QUEST 11-25-44-21
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 0420 FSL 0460 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 21 Township: 11.0S Range: 25.0E Meridian: S		<b>9. API NUMBER:</b> 43047338050000
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<b>STATE:</b> UTAH		
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<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/14/2011		
<input type="checkbox"/> SPUD REPORT Date of Spud:		
<input type="checkbox"/> DRILLING REPORT Report Date:		
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  See attached plugging report.		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Alvin Arlian	<b>PHONE NUMBER</b> 303 350-5114	<b>TITLE</b> Landman-Regulatory
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/16/2011	

## Quest 11-25-44-21 Subsequent Plugging Report

9/14/2011

Move in and rig up Western Wellsite Well Service. ISIP 300/300. Blew down tubing and casing. ND WH. NU BOPE. Trip out of hole ("TOOH") tallying 66 joints tubing. Lay down 2 joints tubing. Run bit to 2057'. TOOH. Pick up 4.5" CICR and set @ 2015'. Load hole with 25 BFW with corrosion inhibitor. Pressure test casing to 1000 psi. Mix and pump 30 sacks Class G cement, 10 sacks under squeezed off @ 1200 psi, 20 sacks on top of CICR. TOOH. ND BOPE. Trip in hole ("TIH") open-ended to 584'. Mix and pump 45 sacks Class G cement from 584' to surface. TOOH lay down remaining tubing. Rig down pulling unit. SDFN. Cement plugs witnessed by Mr. Dave Hackford, DOGM.

9/15/2011

Pre job safety meeting. Dig out wellhead, cut off wellhead. Fill annulus from 80' to surface with 15 sacks Class G cement. Top off 4.5" casing with 5 sacks Class G cement. Fill conductor pipe with 5 sacks Class G cement. Weld on information plate. Backfill and move off rig.

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<b>2. NAME OF OPERATOR:</b> Enduring Resources, LLC		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 511-16th Street, Suite 700 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> QUEST 11-25-44-21
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0420 FSL 0460 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 21 Township: 11.0S Range: 25.0E Meridian: S		<b>9. API NUMBER:</b> 43047338050000
<b>9. FIELD and POOL or WILDCAT:</b> KICKER		<b>COUNTY:</b> UINTAH
<b>STATE:</b> UTAH		
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<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/14/2011	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Reseeded the location with the following seed mix as per Gary Aho, Enefit: 24# Russian Wild Rye, 24# Crested Wheat Grass, 8.5 # Four Wing Salt Bush, 8# Lewis Blue Flax, 8# Indian Rice Grass, 8# Tall Wheat Grass Final reclamation done. Cattleguard removed, H braces and gate installed as per Gary Aho, Enefit instructions. This is final reclamation report.		
<b>Accepted by the</b> <b>Utah Division of</b> <b>Oil, Gas and Mining</b> <b>FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Alvin Arlian	<b>PHONE NUMBER</b> 303 350-5114	<b>TITLE</b> Landman-Regulatory
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/20/2011	